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Lancaster Farming

VOL. 15 NO. 20 | Lancaster Farming, Saturday, April 11, 1970 | $2.00 Per Year

Lancaster County Poultry Association members are shown at a recent meeting at the Farm and Home Center with the large pendant the county won for its egg display at the Farm Show in Harrisburg.

The Poultry Association has been discussing possible display of the award in county restaurants this summer along with other promotion of the county's large egg business.

The five association members are, left Allen Graybill, vice president, Melvin Gehman, treasurer; John Jacob Oberholtzer, secretary; Harold Esbenshade, publicity committee chairman, and Lorin Weigard, president.

Group Sets 8 Scholarships

The Lancaster County Farm and Home Foundation this week announced its annual scholarships to high school seniors desiring to further their educations in the fields of agriculture and home economics

Interested youth are urged to contact their Senior Guidance Counselor for details and an application blank Forms must be forwarded to the foundation by May 5

Eight scholarships of $400 each are available to help defray tuition, fees or room and board expenses at any accredited college or university

Award by the foundation board of directors will be based 50 per cent on financial need, 30 per cent on scholastic achievement and 20 per cent on leadership ability

Each application must include the application form, a transcript of high school scholastic records, and a statement from the guidance counselor or high school principal regarding scholastic activities, leadership ability and character

Finalists will be invited for a personal interview before the Foundation Scholarship Committee

The eight scholarships are made from the earnings of an irrevocable trust fund set up by the late Elmer L Esbenshade, one of the founders of the Lancaster County Farm and Home Foundation

Open House Set For Modern Barn

Open house will be held at the large new dairy barn of the Triple G farm at Stevens RD1 from 1 to 3 30 p m Tuesday, April 14

Victor Plastow of the county agent's office said the new barn incorporates many modern features which may be of interest to other county dairymen

The Triple G, with 270 cows, is one of the largest dairy operations in the county Three brothers, Arthur, Donald and Irvin Graybill, built the new barn to pool their separate dairy operations

Roger Grout, Penn State agricultural engineer, will be on hand to answer questions concerning the barn layout A contractor also will be present

Plastow said a big feature of the barn is that the farmer can "drive down through with feeding equipment" and it requires "no boots" to tour the structure He described it as "completely enclosed free stall housing for 270 head" He said the set-up makes care and show of cattle easier.

There is no auger feeding Cattle are fed from a chuck wagon with an automatic dispensing system Plastow said this avoids the very costly installation charge for the auger system

The farm is located near the Rheemstown-Denver intersection of Route 222 Motorists traveling north on Route 222 should turn left at the traffic light at Rheemstown about 11 miles north of Ephrata and the farm is the first one after turning left, Plastow said

Mass. Egg Farmers to Visit Here

Lewis Ruggles, regional poultry specialist from Worcester, Mass, will bring three carloads of poultrymen from Massachusetts to visit Lancaster County poultry operations April 15

Jay Irwin, associate county agent, said the visitors will "observe the different types of poultry housing in Lancaster County" They will see a sloping wire floor and caged operations, including one new automatic air drying and cleaning system

Irwin noted that Penn State referred Ruggles to Lancaster County, which is "the top poultry county in Pennsylvania with three million layers and 12 million broilers and about $31 million in gross value of product"

The schedule, beginning at 8 a m, calls for visits to the following county farms

Claude Hess Egg Ranch, Elizabethtown RD3, 66,000 caged layers with hand gathered in three houses and one house with mechanical gathering and deep pit The farm has an egg processing plant

Irvin Musser, Mount Joy RD1, 16,000 layers, sloping wire floor, hand gathering, manufactures his own feed, has egg processing and egg breaking plant

Victor Weaver, Inc, New Holland, processing plant, processes 65,000 dozen eggs per day, breaks 10,000 dozen eggs per day for sale in liquid form, and dresses 65,000 broilers per day

Started in 1937 as a one man operation, Weaver now employes 875 persons All eggs are purchased locally, within 35 miles

Cloisterdale Farm, Lititz RD4, managed by Glenn Herr 270,000 layers in nine houses of 30,000 birds each, completely automated, caged and deep pit One house has been converted to Dr. Bressler's automatic drying and cleaning system

Farm Calendar

Saturday, April 11

10 00 a m —Eastern National Antiques Show, State Farm Show Building Harrisburg

1 30 p m —Farm Women Societies 2 and 9, annual banquet, Abe Groff Farm, Pinkerton Road, Mount Joy

Sunday, April 12

4-H Teen Leader Conference Weekend, Hershey

Monday, April 13

4 H Capitol Days

Tuesday, April 14

4-H Capitol Days

9 00 a m - 2 15 p m —Youth Institute on Cooperative Business, Farm and Home Center

9 30 - 11 30 a m — Reupholstery

(Continued on Page 5)

'70 National Ayrshire Convention Here

The annual National convention of the Ayrshire Breeders Association will be held in Lancaster County April 14, 15 and 16

Headquarters will be the Howard Johnson Motor Lodge and Guernsey Sales Pavilion

Highlights will be tour of four Ayrshire farms in Chester Co beginning at 9 a.m. Wednesday, April 15, and banquet at 6 p m and grand national Ayrshire sale at 7 30 p m Thursday at the Pavilion

Dean Gordon Cairns, University of Maryland College of Agriculture, will speak on "Ayrshire Leadership in the Seventies'" at 12 15 p m Wednesday

Joe Taylor, Pennsylvania State University, will be toastmaster at the annual banquet, at which the French Trophy award will be given for high herd production of milk and fat in the U S and the Distinguished Service award will go to the person who contributed most to the association

Victor Plastow, associate county agent, noted that it's not often that a particular area can claim a nationl meeting of one of the breeder associations

Milton Brubaker a Lititz Ayrshire farmer, who has assisted in planning the national convention released the Wednesday tour schedule of Chester County farms The tour begins with Conebella, operated by Mr and Mrs Charles H. Gable, Elverson

The approximately 85 head farm has received its 12th Consructive Breeders Award with 36 cows averaging 12,699 pounds of milk, 4 1 per cent and 523 pounds of fat The M E average is 14,601 milk and 565 fat Several two year olds made over 15,000 pounds of milk

The Aidrossan Farms herd, managed by Mrs Edgar Scott, Villanova, originated from nine

(Continued on Page 16)

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

April 9, 1970

CATTLE 2400 — Compared to last weeks close, Slaughter Steers 50-75 higher. Cows about steady. Bulls steady. Feeder Steers rather slow, few sales 1 00 lower Supply included an estimated 50 percent Slaughter Steers, 25 percent Cows and Bulls, with the balance mainly Feeder Steers

SLAUGHTER STEERS — Mixed Choice and Prime 1100-1400 lbs 33 60 34 10, on Monday three loads 1050 1175 lbs 32 - 50 32 65. Choice 900 1400 lbs 30 75 33 60, high-Good and low-Choice 29 85 31 60, Good 28 50-30 50 Standard and low Good 27 50 29 00

COWS — Utility and high-dressing Cutter 22 75 24 25, few 24 50 24 85 Cutter 21 50 23 00 Canner and low Cutter 20 00-21 75

BULLS — Choice 29 00 30 00 few head 30 50 31 75 Good 27 - 50 29 00 Utility and Commercial 27 25-30 00 few head 30 00 31 25

FEEDER STEERS — Couple loads Choice 1025 1115 lbs with Good to low Choice Slaughter finish 30 50 31 10 four loads Choice 930-1020 lbs 30 00 30 50

CALVES 450 — Vealers weak to 2 00 lower Cull and Utility Vealers scarce

VEALERS — Choice 51 00 54 00 few mainly on Monday 54 50 56 00 Good 46 00 52 00 Standard 42 00 48 00 Utility 35 00 42 00

HOGS 1250 — Barrows and Gilts fully 25 higher Sows scarce

CLOSING SALES BARROWS and GILTS — US 1 220-245 lbs 26 85-27 25 US 1-2 215-

(Continued on Page 5)

Auction Only

April 8, 1970

CATTLE 985 — Compared to Monday, Slaughter Steers 50-75 higher, Cows fully steady; Bulls mostly steady.

SLAUGHTER STEERS — Mixed Choice and Prime 1100-1400 lbs 33 60-34 10, Choice 950-1400 lbs 30.85-33 60, high Good and low-Choice 29 85 31 60, Good 28 50-30 50, Standard and low-Good 27 50-29 00.

COWS—Utility and high dressing Cutter 22 75-24 25, few 24 50-24 85, Cutter 21 75 23 00, Canner and low-Cutter 20 00 21 75

BULLS — Choice 29 00 30 00, five head 31 00-31 75 Good 27 50 29 00, Utility and Commercial 27 75-30 00, six head 30 50 31 00

FEEDER STEERS — Couple loads Choice 1025-1115 lbs 30 50-31 10

CALVES 130 — Vealers weak to 2 00 lower

VEALERS — Choice 51 00 54 -

(Continued on Page 12)

Vintage Auction

April 7, 1970

CATTLE 931 — Compared to last Tuesday, Slaughter Steers uneven, opening sales weak to 50 lower, with most decline on high-Good and low-Choice, later trading mostly steady, Cows 50 1.00 lower; Bulls fully steady Supply included 35 percent Cows

SLAUGHTER STEERS — High-Choice and Prime 950 1225 lbs 32 25-33 75, few head 33 85 34 10; Choice 950-1350 lbs 30 50-33 10; high-Good and low Choice 29 00-31 00, Good 28 50-30 50, Standard and low-Good 25 75-28 75

COWS — Utility and high-dressing Cutter 22 50 24 00 few 24 25 24 85, Cutter 21 25-23 00, Canner and low Cutter 19 25-21 - 50

BULLS — Good 27 50-28 85, couple Choice 31 10 31 25 Utility and Commercial 27 50-29 - 60, six head 30 50 31 35

CALVES 469 — Vealers 2 00-

(Continued on Page 3)

New Holland Auction

April 9, 1970

CATTLE 1237 — Compared to last Thursday, Slaughter Steers 50-1 25 higher, although high-Choice and Prime not comparable because of insufficient volume last week, Cows uneven, Utility 75-1 25 lower, Canner and Cutter weak to 50 lower; Bulls fully steady Supply included 22 per cent Cows, Slaughter Steer supply increased by 275 head in Slaughter Steer Show

SLAUGHTER STEERS — High-Choice and Prime 1050-1400 lbs 33 00-34 60; Choice 950-1450 lbs 31 00 33 50, few lots 33 60-33 85; high-Good and low-Choice 29 60-31 25, Good 28 50 30 35, Standards and low-Good 26 85 29 00

SLAUGHTER HEIFERS — Good 665 900 lbs 25 00-27 60

COWS—Utility and high-dressing Cutter 21 50-23 50, few 23 75 24 75, Cutter 21 25 23 00, Canner and low-Cutter 20 00-21 25

BULLS — Choice 29 00 30 60, few 31 60 32 00, Good 27 00-28 75, Utility and Commercial 28 00 29 75, few 30 50 31 00

FEEDER STEERS — One lot Choice and Prime 630 lbs 34 85, Choice 850 1150 lbs 29 60-31 60 mixed Good and Choice 780 980 lbs 28 85 30 75 One lot Choice 630 lb Bulls 30 60.

CALVES 394 — Vealers steady to 2 00 lower, although Cull mostly steady.

VEALERS—Choice 51.00-53 00, few 53 50-56.50; Good 47.00-52.00; Standard 42 00-47 00; utility 36.-00-43 00, Cull 90-120 lbs. 29.00-33 00, 65-85 lb. 25 00-31.00.

SHEEP 17 — Insufficient volume for a market test, one lot Good 25 lb Spring Lambs 37.00; few Utility and Good Slaughter Ewes 8 00-10 00.

COW

April 8, 1970

Receipts of 77 cows and 2 heifers sold stronger for fresh Holsteins and the balance sold steady Fresh Holsteins 400-555; other breeds 275-375; Heifers 135 each

HORSES

April 6, 1970

Receipts of 363 horses sold steady Work Horses (single) 175-340, (pairs) 425-630; Mules (single) 195 250, (pairs) 450-660, Riding Horses 110-375; Driving Horses 125-510; Pony Mares 15-30, Geldings 10-25; Killers 9-10

HOGS

April 6, 1970

Hog receipts totaled 1376. Retail 25 25-27 50; Wholesale 2, 3 and 4s 24 75-25 25; Heavyweights 22 50-24 75; Sows 20-22 50, Boars 19 21

CALVES

April 6, 1970

Calf Receipts totaled 95. Choice and Prime 51-56, Standard 40-50, Good and Low Choice 46 50 50, Common 25-39.50.

HAY

Thirty-three loads of hay sold as follows. Alfalfa 46-56; Mixed 38-46, Straw 46-50 50.

FUTURES TRADING

(Closing bids as of Thursday April 9, 1970)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
April	32.65	26.20	3.35	32.70
May			3.95	33.50
June	31.25	27.57		33.50
July		27.07		
August	30.60	25.55		
September				35.40
October	29.95	23.50		33.95
November			2.50	36.20
December	29.55	22.95		
February '71	29.70			
March			2.85	
April	30.20			

a-asked b-bid n-nominal

Cattle are weaker, hogs are weaker, potatoes are weaker and eggs are stronger

Local Grain Prices

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted, however, that not every dealer handles each commodity All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, April 9, 1970 are as follows.

	Bid*	Offered*
Corn (ear)	$39 67	$43 33
Corn (shelled)	1.43	1 56
Oats	.77	87
Barley	1.05	1 25
Wheat	1 42	1 64

*Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

Chicago Cattle

Weekly Review

CATTLE — Compared with last weeks close Slaughter steers grading Choice and Prime 75-1 0 higher. Standard

(Continued on Page 3)

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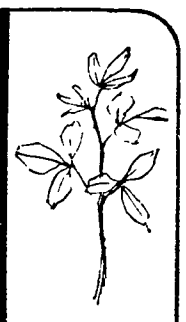

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Weekly Poultry Report

Eastern Pennsylvania And New Jersey

Prices of lightly type hens generally 1c lower, more in instances as processors demand declined in most quarters due to heavy operating from processors Several producers about booked to capacity until the week of April 27 or later. Offerings of heavy type adequate for a fair demand Prices paid at farm: Light type hens 7 to 9½, mostly 8-9, Heavy type hens Tfewr.

Fogelsville

April 7, 1970

(Prices paid dock weights, cents per lb., except where noted)

HENS, heavy type 8½-26 mostly 16-20; PULLETS 12 34 mostly 28-32; ROASTERS 16½-37 mostly 26-29; DUCKS 32-39½; DRAKES 33-40; TURKEYS, toms 25; TURKEYS, hens 33½-37; RABBITS 19-56 mostly 45-52; GUINEAS 77½-94 mostly 82-89; PIGEONS (per pair) 1.20-3 00.

TOTAL COOPS SOLD 661.

Delmarva

Ready to cook movement continues good with some unfilled orders reported Occasional load of fill in noted sold at 27½ cents Interest light and disappointing in most quarters Less than truck lots prices continue to trend higher within unchanged ranges. Live supplies generally fully adequate with weights occasionally heavier than desired. Undertone unsettled. U.S. Grade A 26-29, mostly 27½c; plant grade 26-27, mostly 26½c.

Egg Prices Steady

Urner Barry quote for fancy large eggs held steady this week after a 12 cent drop last week.

Closing quote Friday was 38 cents for fancy large browns, same as a weekago, and 37½ cents for fancy large whites, up one-half cent from the price that has prevailed for the past week, following the market break.

Federally Inspected Livestock Slaughter

(For week starting April 6, 1970)

	Cattle	Hogs	Sheep
Week to date	436,000	1,224,000	155,000
Same period last week	424,000	1,136,000	153,000
Same period last year	419,000	1,207,000	150,000

Estimated daily livestock slaughter under Federal Inspection.

New York Eggs

Prices unchanged to higher as surpluses further reduced by purchasing at prior discounted levels and light receipts Undertone locally relatively good as the Passover Holidays approach however country shipping point offerings reported heavy at low prices Trading stocks of jumbos short, extra large irregularly distributed but adequate; large ample. Mediums in better supply -demand situation. Smalls and standards light Demand steady at fair levels with best interest centered on heavy weight and/or low-priced eggs. Carton orders fair to good. Retail promotions on large noted at 49-53 and mediums at 39-45c.

Weekly New York Egg Mkt.

From Monday, April 6th to Friday, April 10th

		Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE						
Fcy. Ex Lge	39		39-40	39-40	39-40	39½-40½
Fcy. Large	37		37	37	37	37½
Fcy. Mediums	33		33	33	33	33½
Fcy. Pullets	27		27	28	28	28½
Fcy. Peewee	18		18	18	18	18
BROWN						
Fcy. Large	38		38	38	38	38
Fcy. Mediums	33		33	33	33	33½
Fcy. Pullets	27		27	28	28	28½
Fcy. Peewee	18		18	18	18	18
Standards	32-33		33	33-34	33-34	34½
Checks	22		22	22	22	22

Trend: Market conditions improved under extreme movement to retail outlets. West Coast firm.

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● Chicago

(Continued from Page 2)

and Good steers steady to 50 higher. Slaughter heifers 50-75 higher except small supply Good steady to 25 higher. Cows 50-1 00 lower. Bulls steady. Receipts 75 percent slaughter steers, 20 percent heifers with the balance mostly cows. Overall finish of steers not as attractive as last week with less than 20 percent Prime and 70 percent Choice as compared with 23 percent Prime and 68 percent Choice a year ago Average weight and cost of slaughter steers estimated at 1190 lbs. and 31.75 as compared with 1206 lbs. and 31.98 last week and 1160 lbs. 30.91 a year ago. Heifer supply was largely High Good to Prime weighing 850-1050 lbs

SLAUGHTER STEERS — On Wednesday the high time Prime 1200-1400 lbs Yield Grade 3 and 4 33 50 34 00 with 8 loads at 34 00 High Choice and Prime 1150 1500 lbs. 32.50-33 50. Choice 950-1450 lbs. Yield Grade 2 to 4 31 50 33.00 Mixed Good and Choice 30 25-31.25. Good 28 50 30 25 Standard and Low Good 27 00 28 50.

SLAUGHTER HEIFERS — High Choice and Prime 900-1100 lbs. Yield Grade 3 and 4 31 50-32.00. Choice 850-1050 lbs. Yield Grade 2 to 4 30 25-31.50. Mixed Good and Choice 28.75-30 25. Good 27.00 28.75.

BULLS — Utility and Commercial 26.50-29 50.

● Vintage

(Continued from Page 2)

3 00 lower, although Cull mostly steady

VEALERS — Choice 49 00-52 00, Good 46 00-50 00; Standard 42.00-46 00; Utility 34 00-42 00, Cull 29 00-33.00.

HOGS 578 — Barrows and Gilts weak to 50 lower.

BARROWS AND GILTS — US 1-2 190 230 lbs 25 85-26 25. Couple lots US 1 210-220 lbs. 27.00. US 2-3, 190-250 lbs. 25.10-25 60. US 3-4 230-265 lbs. 24.00-25.00.

SHEEP 34 — Slaughter Lambs fully steady; Ewes steady.

SPRING LAMBS — Choice 85 90 lbs. 32 00 36.00, few 30-55 lbs. 40 00-47.50.

SLAUGHTER EWES — Utility 5.00-9 00.

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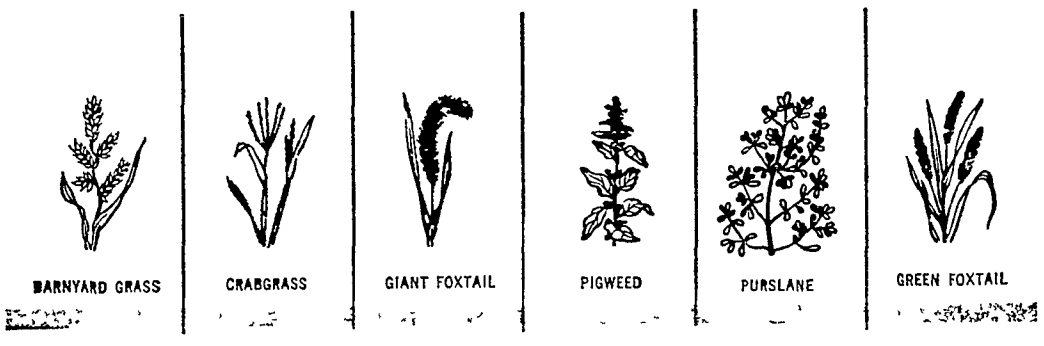

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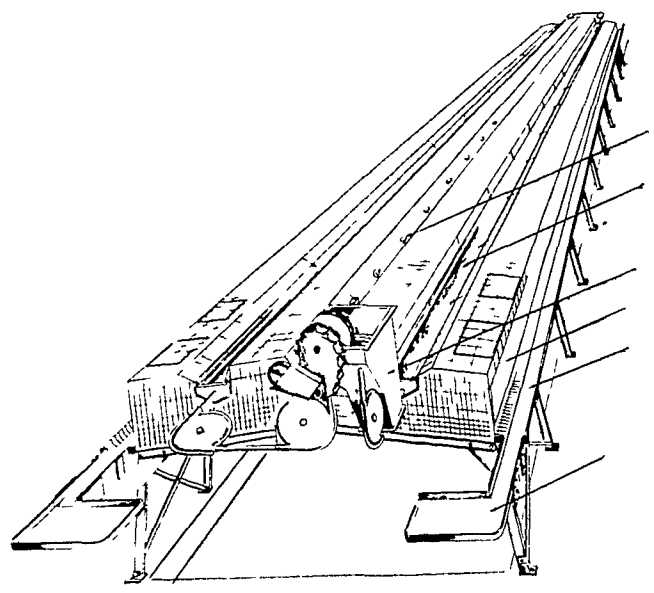

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Chains to the Future

Learning to do
Doing to learn
Earning to live
Living to Serve

That's the FFA motto and we think it has much to recommend it. Timothy Ruth, Pennsylvania FFA president, spoke admirably on the "earning to live" portion at the Warwick FFA Chapter banquet this week (see page 29). Ruth said that any man who has the determination to set a goal and work toward it has a great opportunity for success.

Encourage Them

But Ruth also urged, "Parents, teachers, never fail to encourage that FFA member who's trying to reach his goal." The point is that while young people have much opportunity to succeed in our affluent society, they still need guidance and encouragement to keep them on the right track.

The entire FFA program is geared to teaching FFA members how to meet their goals in agriculture. Many procedures and programs have been adopted to assist in the effort.

We would like to single out one particular program which we think deserves unlimited praise and considerable expansion. It's the chain animal program.

This aptly named program essentially involves giving female animals to deserving FFA members with the stipulation that they return the first female off-spring to the chapter for perpetuation of the program.

Low Cost, Ongoing

It becomes an ongoing program with almost no cost involved, but a program which enables young farmers to get started in an actual livestock program at very little cost.

One of the better chain programs in Lancaster County is being conducted by Cloister FFA Chapter of Ephrata, which this year gave three dairy calves, two gilts and two sheep to young FFA members. Charles Ackley, chapter advisor, said the animals are awarded on the basis of the quality of application, need, desire and overall ability.

While Lancaster County is a prosperous farm area and many young FFA members get assistance from relatives or neighbors in getting started with farming programs, we feel sure many youths are not so fortunate. They need help. An adequate chain program can give many of them the help they need.

Doing to Learn

We believe that every serious young vo-ag student who needs it should get this type of help early in his vo-ag program so that the FFA motto can have meaning for him. So that "learning to do" can be translated into "doing to learn" and finally, as Ruth urged, into "earning to live."

Who can argue with the idea that vo-ag training the young students receive will mean far more to them if they can practice in their own farm programs what they learn in school, as they learn it?

The cost of the chain program to help make vo-age education meaningful is peanuts beside the cost of four years of vo-ag training.

A chain program helps young men at an early age to make a realistic appraisal of farming and whether or not they want to make a career of it. Such a program enables them to make failures early and on a small scale, rather than later when they have committed themselves to large farming operations. Such a program enables them, as Ruth urged, to set their goals early.

Living to Serve

Young men assisted in this way, we believe, cannot fail to grow up without understanding the importance and value of "living to serve."

Developing a chain program large enough to meet the needs of all vo-ag students in the county probably would not cost more than a few hundred or a few thousand dollars — a one-shot investment such as Sears made at Ephrata in a few animals which would supply the off-spring for continuation of the program.

How about it farmers, feed and farm equipment suppliers? It's a high return investment.

Anti-Pollution Steamroller

We don't have a crystal ball. We can't see into the future. But from where we sit, it appears a safe bet that the time is just around the corner when a firm which emits a significant amount of pollution will be forced to abate it.

This prediction is based on what appears to be growing public concern about the adverse effects of pollution and a militant unwillingness to accept or tolerate pollution. Politicians, many of whom have never before had any regard for clean air or clean water, are suddenly pushing hard on pollution

We believe that both the legitimate concern about air pollution and opportunistic efforts by politicians can be expected to grow.

Many firms in Lancaster County and elsewhere have already run into problems with local citizens and state pollution officials.

Those businessmen connected with pollution producing firms who are not aware of the force of the anti-pollution movement or who refuse to act are putting themselves and their firms directly in the path of a social and political force which is determined both to make and break entire industries.

Those firms which wait too long to act will suffer.

They'll have public relations problems and all the related problems that go with poor public relations.

They'll have labor problems.

They'll have legal problems.

They'll have political problems.

Worst of all, those which delay may have financial problems. To solve the other problems will be costly in materials and manpower and lost business. If politicians, backed by a militant public, then demand solutions in less time than it's feasible to achieve them, the businessman can be in serious trouble

Some firms now in trouble with pollution authorities are among those which have had serious pollution problems for many decades. They ignored the problems.

We're ready to give officials of these firms the benefit of the doubt when they claim that the present urgency for cleaning the air and water never existed in the past and that standards have been greatly upgraded.

The standards are stiffer, the concern about pollution is much greater now. Firms deserve leniency, they deserve time to act

We're in favor of giving businesses plenty of time to solve their pollution problems.

But if the same old problems still exist next year, and the next, and the next, and no effort has been made toward improvement. Well, the warning has been ample.

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Lancaster County's Own Farm Weekly

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NOW IS THE TIME...

By Max Smith
Lancaster County Agent

To Buy Carefully

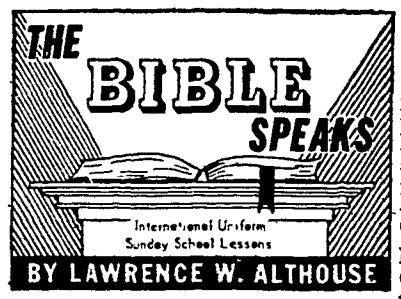
The new growing season is at hand and many purchases of field and garden supplies will be made Everyone is looking for bargains, but many times the transaction turns but to be very disappointing and costly We refer to dealing with strangers or from unknown concerns that offer materials at reduced prices When we deal with reliable, local people who will stand behind their goods and render a good service, we will usually be more successful

To Vaccinate Horses

Unlike other animals there are only a few diseases that horses can be successfully immunized against Tetanus is one infection that requires injections to protect the animal. Sleeping sickness is a dreaded disease of horses and more common in the Atlantic coast states than in some other areas, this infection is carried by mosquitos along the eastern seaboard. Injections will set up an immunity. Show horses that are transported to and from neighboring states need this protection.

To Pasture With Care

The grazing season is at hand and all livestock owners are urged to acclimate their animals to the lush forage gradually. A feeding of dry forage such as hay silage, or straw is recommended before the animals are permitted to consume the new growth The time of the grazing period should begin with only a half-hour or less and be increased after several days of careful management. Scouring or bloating may occur if the animals are not handled properly.



SIGNS AND WONDERS

Lesson for April 12, 1970

Background Scripture: Acts 2 43 through 5.7. Devotional Reading: Hebrews 11-32 through 12 2

Peter and John got into serious difficulty because they healed a man. What the authorities were concerned with was not so much that a man who had been lame was now healed of his infirmity, but that a remarkable sign had been performed in the name of Jesus. Men were won to the Good News of Jesus Christ, not only by powerful testimonies, but also by works in which the power of god was revealed.

Rev. Althouse

Signs and wonders today

Many Christians assume that these God-given "signs and wonders" ceased with the close of the New Testament age. But many of the early Church Fathers speak of the healing ministry of the early church. St. Francis of Assisi practiced healing through prayer and the laying-on-of-hands. Martin Luther spoke of it in his letters to Lutheran pastors and himself was instrumental in the healing of his lieutenant, Philip Melancthon. Other reformers such as John Wesley and George Fox both practiced and wrote of it.

And today? Someone has recently said: "Cancer is being healed today through prayer. There are too many cases of the healing of cancer through prayer to explain away by co-incidence or mis-diagnosis." These were not the words of a preacher, evangelist, or "faith healer," but a medical doctor, Clair B. King, M D., of Canton, Ohio. A graduate of the University of Pennsylvania School of Medicine and a member of the American Medical Association and American Academy of Ophthalmology, Dr. King is one of a considerable number of physicians and physical scientists who are greatly interested in the rise of the church's healing ministry today.

The age is not over

Speaking to a group of clergymen in the historic St. Stephen's Episcopal Church in Philadelphia, Dr. King told of weekly healing services conducted in his church, Christ Presbyterian Church, Canton, during which prayers are offered for the sick of mind, body, and spirit and the the New Testament practice of the laying-on-of-hands is carried on. "The age of miracles is not over," said Dr. King.

For one thing, many of us have seen too many examples of God's healing power mediated through prayer to disregard this great force. For another, spiritual healing is not so "unscientific" as many people suppose. For many of us, not only is our God too small, but our world of science is also too narrow. We are finding once again the truth enunciated by St. Augustine: "Miracles do not happen in contradiction to nature, but only in contradiction to that which is known to us of nature." All healing takes place according to law, although we may not be familiar with the laws by which spiritual healing takes place, just as the laws of aero dynamics have always existed but until recently have been unknown.

Wonder and amazement

Some of the principles of spiritual healing are evident in Acts 3. (1) **It involves concentration of attention and effort.** Peter said to the man, "Look at us" We often think of prayer as getting God's attention; in reality it is a matter of giving him our undivided attention so that he may do with us as he desires. (2) **It involves the expectation that we will receive something.** Unless we truly expect something to happen, we keep closed the door through which the power of God must enter. (3) **It involves the power of the living Lord.** Peter said: ". . . in the name of Jesus of Nazareth, walk" (4) **It often involves the touch of a human hand as a channel of God's power.** Peter reached down and took the man by the hand "and raised him up" (5) **It may provide fresh evidence of the power of God at work in the world today.** Those who saw what happened "were filled with wonder and amazement."

The ministry of healing is a means by which the signs and wonders of God are still being performed in our world today.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service)

● Farm Calendar

(Continued from Page 1)

Workshop, Friends Meeting House S 3rd St, Oxford Chester County

9:30 - 11:30 a m —Pattern Alteration Workshop- Berwyn Red Cross Building, Chester County.

1.00 - 3:30 p.m — Open House, tour of new free stall dairy barn at Stevens R D 1

6:15 p m.—4-H "Sew Smart," Channel 33 Fourteen program series on an intermediate level showing the newest techniques for sewing today's fabrics

7:30 p m —Garden Spot Young Farmers meeting on Forage" Garden Spot High School, New Holland

7:30 p m — Garden Spot 4-H Club reorganization meeting Conestoga Valley High School.

8:00 p m —Ephrata Young Farmers, bowling party Ephrata.

Wednesday, April 15

7:30 p m — Conservation FFA public speaking contest, Farm and Home Center

7:30 p m —4-H Soil and Water Conservation Club roundup and exhibit Farm and Home Center

Thursday, April 16

6:15 p m —"Sew Smart" Channel 33

7:30 p m —Kirkwood 4-H Club reorganization meeting, Union Presbyterian Church

Friday, April 17

7:00 p m —Eastern Milk Producers Association banquet, Blue Ball Fire Hall

Saturday, April 18

12:00 noon—Farm Women Societies 3 and 10, Lincoln Lutheran Church

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It Pays!

Farm Women Societies

Society 6

Society of Farm Women 6 met in the home of Mrs Emory Wolgemuth, Elizabethtown RD3

Members met recently at the Colb home and sewed 76 bed pads Plans were made to serve a dinner at Wyeth, Marietta, on May 13 Several members plan to attend the Spring Rally on May 5 at the Penn Harris Motor Inn, Camp Hill

Society 13 will be the guests of Society 6 at the Elizabethtown Brethren Church on May 9

A $25 award will be given to the most deserving boy in Agriculture and $25 to the most deserving girl in home economics from the Elizabethtown High School

Mrs Richard Mumford, speaker, formerly of Japan, now living in Elizabethtown, gave a demonstration on a Japanese tea.

Better Combine Harvests Seed

A modified combine designed by USDA engineers in Oregon may play an important role in forage crop planting in Lancaster County and other major agricultural areas

Engineers said the combine "gives tender loving care" to the seeds of such forage crops as crimson clover, bluegrass, orchardgrass, and ryegrass.

Harvesting clover seed, the combine threshed 98 per cent of the seed with little or no damage A conventional combine used as a control vehicle left 23 per cent of the seed unthreshed and two per cent of the seed damaged

Damaged seeds deteriorate faster than undamaged ones and are more susceptible to insects and diseases

The more carefully treated seeds can make it easier for farmers to move toward precision planting of undamaged, high-germinating seeds to get bigger yields while holding down costs. Costs generally are raised by a shortage of labor and a short supply of hybrid seeds

Bulk Feed Usage Grows Two Per Cent in 1969

For the third straight year companies participating in the annual Feed Tonnage Reporting Service have indicated that 66 per cent of their tonnage was in complete feed and 34 per cent as supplements

The survey, conducted by the American Feed Manufacturers Association, also showed that in 1969 feed companies distributed 61 per cent of their product in bulk, a rise of two per cent over the previous year In 1960 when the survey was initiated, reporting companies produced only 38 per cent of their product in bulk.

The New England Region was highest in bulk handling last year with 82 per cent bulk Next came the Pacific and South Atlantic Regions with 80 per cent. The least amount of bulk handling was in the Corn Belt, where about 60 per cent of the total was handled in bags

● Lancaster

(Continued from Page 2)

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Co. Farmers Divert 7,000 Acres in '70

Lancaster County farmers have taken more than 7,000 acres out of production in 1970 in response to the feed grain and wheat programs, according to Miss Dorothy Neel ASCS executive director

The diverted acreage on feed grain is 4 485

The total for wheat is 2 829 including 2 038 acres to meet the mandatory 30 per cent crop reduction required to enter the program An additional 791 acres was retired voluntarily by farmers for extra benefits

The larger acreage diversion on feed grain was achieved by 356 farmers compared to 742 in wheat

Miss Neel previously reported that county participation in the diversion programs was down 15 per cent this year from last year in terms of number of farms participating and she estimated the number of acres involved dropped at about the same rate The drop was attributed to higher diversion requirements for wheat

Miss Neel reminded program participants that no crop may be harvested from the diverted acres and pasturing is not permitted until after September 1

Certify Acreage

Farmers must certify acreage for wheat oat barley by June 7 and for corn and grain sorghum by August 1 Failure to certify will result in loss of payment

After certification is completed on at least 15 per cent of the farms in each program will be spot-checked by a farm visit If measured acreage shows incorrect certification by the farmer, he could lose all or part of the payments otherwise earned

Any farmer who is not sure of crop or diverted acreage, should request low cost measurement service from the county office

A double post card is being mailed to all wheat farmers, asking that they report the acreage of wheat for harvest in 1970

The acreage will be used in computation of future allotments and it is very important that the card be completed and returned to the ASCS office

If the card is not returned, the acreage will be recorded in ASCS records as "zero" Since allotment history will be reduced on any farm that does not harvest at least 75 per cent of the allotment in one of the past three years, failure to report acreage could result in loss of history and reduce future wheat allotments for the farm

Sheep Payments

Payments of $6 027 40 were made this week to 89 farmers who sold wool or unshorn lambs in 1969

Payments are made under the National Wool Program and represent the difference between the incentive price of 69 cents and the national average price received by growers in 1969

Shorn wool payments were computed at the rate of 65 1 per cent of net sales proceeds and unshorn lambs at $1 09 per hundred pound live weight of lambs sold

Commodity Credit loans in 1969 wheat and barley will mature April 30 Farmers may liquidate loans through repayment or delivery, or may request reseal or extension of the loan through April 30, 1971.

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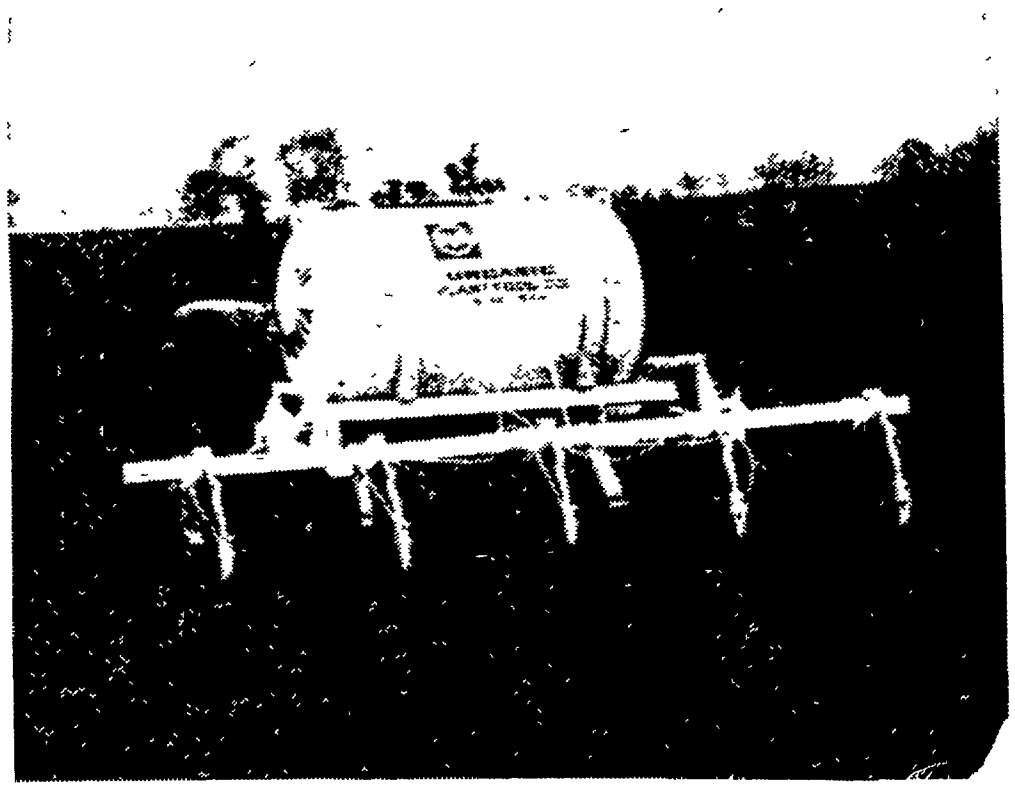

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Pushed by Rising Labor Costs

Mechanization Seen for Vegetables

Spurred by sharply rising labor costs, increasing shares of U S. vegetable crops are being mechanized.

The future is not so bright for fruits, however, since mechanization for fruits and nuts is expected to lag

As overall vegetable and fruit production expands sharply, total labor needs are expected to remain stable, despite increased mechanization.

These trends of rising labor costs and increased mechanization can be expected to continue through 1975, according to the USDA's Statistical Reporting Service.

In the past two decades both hand labor and machinery have gone up in price. But labor's cost has climbed about 50 per cent faster since 1950

If this sort of price relationship persists to 1975, harvesting machinery too expensive in terms of today's labor costs may well become relatively cheap tomorrow.

By 1975, three-fourths of the U.S. vegetable crop probably will be machine harvested That compares with a bit more than half today.

Practically all the Nation's snap bean crop, all the peas, carrots, and potatoes will be plucked mechanically, along with much of the tomato, lettuce, cucumber, and onion crops.

In fact, only fresh tomato harvesting will be less than halfway mechanized by 1975

As for fruits and nuts, the two per cent now being machine picked should be up to 17 per cent in 1975 There'll be further mechanization in that cherry production — which is already about 50 per cent complete. And there should be big gains too in sweet cherries, wine grapes, and cling peaches.

The machines' coming isn't going to mean a big cutback in fruit and vegetable labor needs, however.

The reason: A big gain in production is likely by 1975 — and most of that gain will be in fruits and nuts where mechanization will still be slight.

Farmers five years hence probably will be harvesting about a fourth more fruits and nuts than they do nowadays And while they won't need as much harvest labor — machines will have cut their needs about 23 per cent per acre — some preharvest chores will still be hand done and time consuming. Thus, total labor going into an acre of fruits and vegetables will be down only about 19 per cent.

With crop production slated to go up a fourth and output per man-hour to rise only about a fifth, the total amount of labor going into fruits and nuts in 1975 will probably be close to what it is today.

Harvesting may take eight per cent fewer man-hours—229 million compared with 249 million today However, total labor for all fruits and nuts, including all preharvest work, could drop only three per cent by 1975—from 418 million to 414 million hours.

Only cherries and grapes will need a lot less labor then than now—though there may be some slight cutbacks in strawberries and pecans, too

But citrus crops will call for more work in the years ahead Output of oranges, for example, is slated to rise 41 per cent But there'll be only a moderate improvement in output per man-hour

Thus, tomorrow's larger crop will take 24 per cent more man-hours to produce And it'll be just about the same story for other citrus crops, too

Vegetables, in contrast, will be easier to harvest In the next five years, mechanization will have cut the amount of harvest labor per acre almost in half And even though preharvest work won't be as completely mechanized, total labor going into an acre of vegetables will be about a third less than today.

With an expected 11 per cent increase in the production of vegetables over the next couple of years, man-hours for harvest will fall off 40 per cent—from 163 million to 98 million. And total labor needs will go from 265 million hours to 194 million hours, about a 27 per cent decline.

Unskilled and migrant job holders will most likely be jolted by the unequal changes in fruit and vegetable labor requirements

Some workers — those who work on snap beans, for example — are going to find themselves out of jobs as the pace of mechanization picks up in the next five years Citrus producers, though, will need more help, even with more machine power.

Eventually, however, adoption of the new technology is going to mean a smaller, more stable, better paid, and more highly skilled work force in fruit and vegetable production.

Brenemans Get Herd

Larry E and Connie E Breneman, Drumore, last fall purchased Paul Bryan's milking herd and recently completed the transaction by purchasing all the remaining calves and heifers, notes the Pennsylvania Golden Guernsey News

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Cloister FFA Holds Banquet

Jay Zimmerman received the Star Red Rose award at the eighth annual Cloister FFA Chapter parent and son banquet at Ephrata Area High School recently

Zimmerman Ephrata RD1, a junior, has a large farming program including dairy and veal

Other top award winners were Tom Bollinger, Lititz RD4 the Chapter Star Farmer, and Russell Kline Reinholds, the Star Greenhand

The following Foundation Awards were presented, agri business, Glenn Leininger, agri cultural mechanics, Clayton Zeiset, crop farming, Dennis Martin dairy farming, Nelson Weaver, farm safety Jay Zimmerman forestry, Barry Steffy; home improvement, Gerald Musser.

Livestock farming, Kenneth Sensenig, ornamental horticultural, Kevin Burkholder; placement in agricultural production, David Harting; poultry farming, Lowell Sensenig, public speaking, Clark Stauffer.

Natural resource development, Robin Musser, soil and water management, Lloyd Zeiset; star greenhand, Russel Kline, chapter star farmer, Tom Bollinger.

Receiving chain animal awards were Russel Kline, Marlin Smoker and Richard Bollinger, dairy calves, Eric Copenhaver and Russel Kline, gilts Clark Stauffer and Kenneth Long, sheep

Charles Ackley, chapter advisor, explained that the calves and gilts chains were funded many years ago by Sears After the original Sears donation, the animals have been passed on from year to year by the recipients, who are responsible for making an off-spring available in succeeding years, to keep the chain intact

The chapter itself started the sheep chain last year, Ackley said.

Honorary Chapter Farmer Awards were presented to Carl Graybill, Student Teacher at Ephrata High School; Paul Weaver, local livestock farmer and Alvin Bollinger, local dairy farmer.

Earl Stauffer
State FFA Treasurer

Fredrick Whitley, music teacher at Ephrata High School Dr Walter Trumbauer, local veterinarian, Charles Stoner, meats manager of Pantry Pride and Richard Messick of Messick Chevrolet, Inc received outstanding service plaques

National judging team awards were presented to Rick Pfautz and Nelson Weaver for milk products and to Clark Stauffer and Jay Zimmerman for meats

Lowell Sensenig received the Lampeter Fair Judging Award a $25 bond from the Ayrshire Breeders Association

Keystone Degree Pins were received by Eugene Nolt and Jeff Pfautz

Record book medals were presented to 11 FFA members including gold medals to Kenneth Sensenig, Clark Stauffer, Jay Zimmerman and Dale Martin.

The chapter emphasizes good records as a key to successful farm operation, it was reported at the banquet.

Kenneth W. Hoover
Ephrata Principal

In brief remarks, Kenneth W. Hoover, high school principal, said the only time he ever sees the FFA members is when they ask permission to do something, such as have the banquet They proceed to carry out the banquet themselves, not asking for a lot of other people to do their work for them, Hoover said

Earl Stauffer, Ephrata RD1, State FFA treasurer, presented remarks, followed by slides of chapter activities shown by Lewis Ayers and Charles Ackley, chapter advisors.

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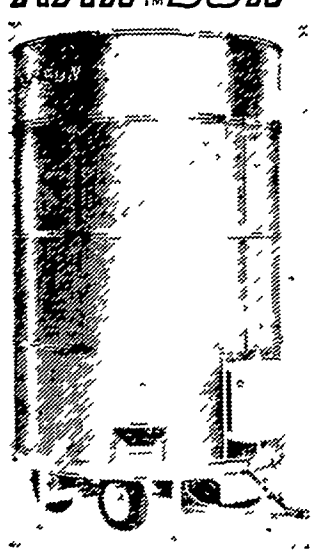

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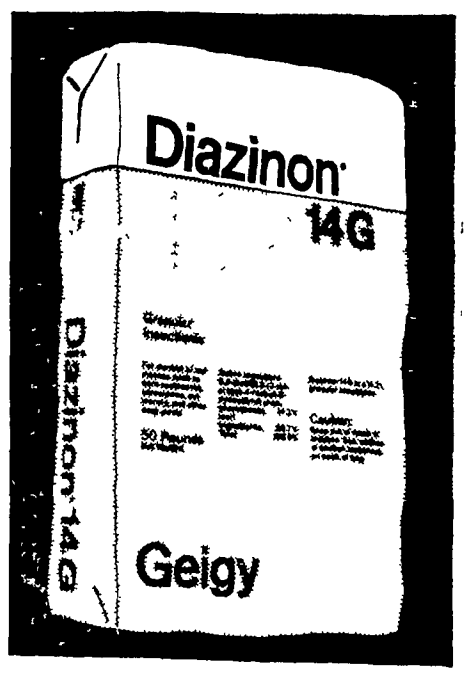

CALL YOUR LOCAL FARM DEALER

Associate County Agent Warns:

Use Agrichemicals Selectively

"The idea a bug is a bug, or a weed is a weed, is not good enough" in determining the type of control program to use, Arnold Lueck, associate county agent, warns

Get the weed or insect identified, or take a sample Sprays are very specific in their use, he said, and once identification is established, the recommended spray can be applied

Lueck's advice coincides with the increasing national concern about the environment in general and the use of the so-called "persistent pesticides" in particular. The persistent or "hard" chemicals are those which don't break down quickly and leave doses in the soil lethal to some animals.

These persistent pesticides include chlorinated hydrocarbons, including DDT, heptachlor, dieldrine, aldrin, chlordane, endrin and lindane

Of these, DDT is the only one banned so far by the USDA, but the others are being severely limited.

Lueck said the loss of DDT will have no effect here, since it generally has been phased out of use over the past 10 years and there is no real need for it

Others, such as 2, 4-D and 2, 4, 5-T, familiar brush killers, however, are no longer being recommended by the Cooperative Extension Service because of their long lasting qualities They have not been banned by the USDA.

They have been used to kill horse nettle "No satisfactory substitute has been found," according to Lueck

Lueck said corn is the crop that allows the most latitude in control since it is affected least by the sprays.

Alfalfa, however, needs help in its early stages Seedlings are poor competitors because they grow slowly, while weeds grow rapidly, Lueck said

Once established, alfalfa can hold its own, but it needs weed control help either through herbicides or an oats crop to stop weeds

Lueck said he is not anticipating any problem with insects or weeds this year, but said the corn root worm and the potato bug should be watched carefully for a buildup

Insect activity begins when temperatures reach into the mid 50's Farmers should be watchful.

Farmers can control insect and plant pests in crops without using "persistent pesticides," but more knowledge of what is going on in the field is necessary, according to Lueck

Increased vigilance in the field, he said, will allow the farmer to spot the emergence of young insects, which can be killed with less potent sprays than the adult insects

Weeds, too should be watched, he said, since they cause more crop loss than insects and disease

The key is catching a potential problem before it becomes a major one that can only be handled by massive dosages and stronger agrichemicals

12 Archers Match Gunner in State

An even dozen archers harvested deer during Pennsylvania's gunning seasons, a recent Game Commission survey showed

Eleven of the successful bowbenders were Pennsylvania residents The non-resident who scored is believed to have been the first out-of-stater to take a whitetail with bow and arrow during the gunning seasons

The survey showed that riflemen accounted for 110,245 deer during the most recent seasons, shotgunners took another 2,899 whitetails, and 359 used handguns to collect their trophies

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To serve the Lancaster County farm community better, we maintain two phone numbers Our main number is 394-3047 But our subscribers and advertisers can also reach us through 626 2191 (ask for Lancaster Farming) and avoid a toll call from the Akron, Ephrata and Manheim exchanges.

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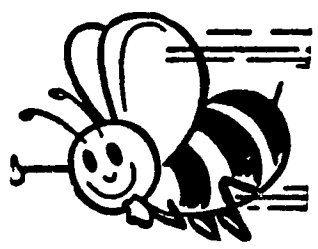

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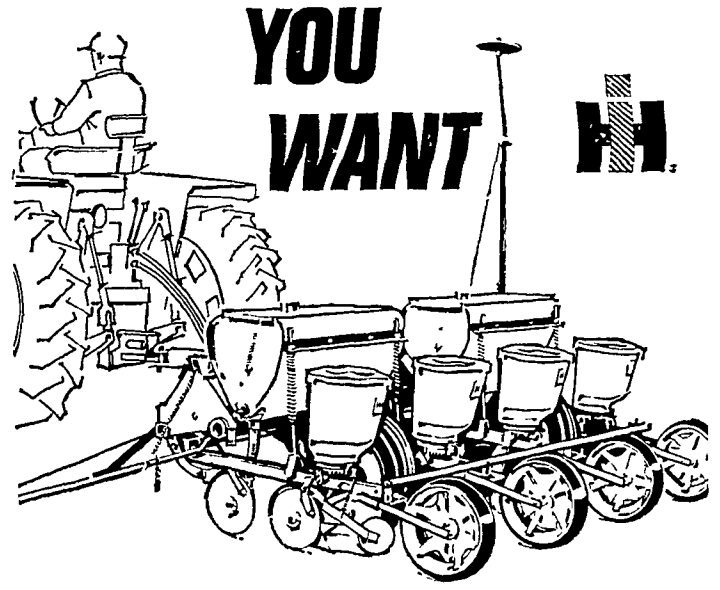

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County Conservationists Oppose Demonstrations

The Lancaster County Soil and Water Conservation District has gone on record supporting teach-ins, but opposing demonstrations, on April 22 designated by many officials and groups across the nation as an environment teach in day.

The district board recommended that interested persons join conservation organizations and watershed associations, use soap and soap powders instead of detergents, use only short-life pesticides on home gardens and lawns, buy only returnable containers, and check and repair leaky faucets around the home.

These are only a few ways in which individuals can help to solve pollution problems, the board said

Interested parties may contact the district officers by writing to the Lancaster County Soil and Water Conservation District, Millersville RD1, to have questions on pollution answered.

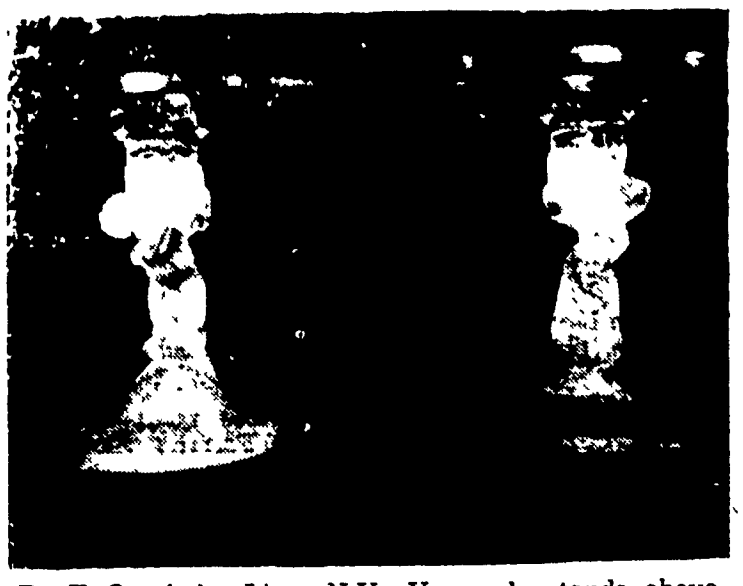
F&M Students to Speak On County Environment

A Franklin and Marshall junior, John Anderson of Levittown, from the Lancaster Air and Water Pollution Action Group, a college-community committee for environmental action will address a joint session of the Pennsylvania Legislature on Tuesday, April 14, at 10 30 a m

He and Tim Palmer, a Pennsylvania State University student, will precede an address by United States Senator Gaylord Nelson (D-Wis), a founder of the environmental movement and a key sponsor of Earth Day, April 22

Anderson and Palmer were asked to explain how Pennsylvania youth feel about the environment problem, said Anderson.

Anderson said he would explain students' interest in the movement and would list ways LAWPAG and other groups are trying to improve the county environment.



Dr. E. Overbake, Lima, N.Y.: Your cake stands, above are Lalique type glass often called Frosted, Acid treated or Acid etched. Possibly Verlyz from the mid-1920's. Considered a good investment.

Antiquing with Joel Sater

"American Homestead Curriers Probably

A recent letter from a reader in Missouri says, "I have four pictures by Currier and Ives AMERICAN HOMESTEAD SPRING, SUMMER, AUTUMN and WINTER Are these originals?" This is an example of how difficult it is to identify something by mail The only way I could tell for certain if they were copies or originals would be to examine them under a microscope

Off hand I suspected that they yould not be authentic because these are among frequently reproduced prints from the Currier and Ives series. However, the group, if originals have definite antique value and originals do turn up in attics, barns and trunks Perhaps this reader did have the real thing.

I called her and asked one question, "How big are they," About eight inches by ten inches," she replied This was the right size "Where did you find them?" she answered, "Rolled up in an old trunk' '

That's as far as I could go without actually seeing them The size was right and the circumstances were right My guess was my reader had found a good set

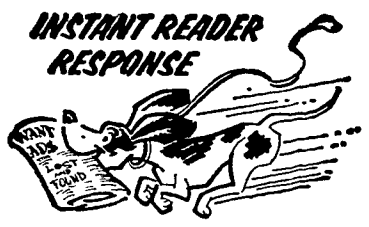
In her letter she also asked two other questions "I would also like to know about old Mason fruit jars and a small blue glass toy telephone with the mouthpiece broken off Could the latter be repaired?"

Old glass canning jars are still plentiful in most parts of the country but are becoming more and more collectible Those with the patent date November 30, 1858 embossed on the front are most popular with new collectors who don't know that this date was used as late as 1905

Jars bearing the marks of regional makers are most desirable and are often sought after in the locality. A good guide to fruit jars is The Kitchen Cupboard, fruit jar price guide by Art and Jewel Umberger, 819 West Wilson, Tyler, Texas The price $3 00

About the toy telephone, it's blue, which is good, it's a toy which is also good, but it's broken and that's bad So bad that it probably is worth only about one tenth of it's value if perfect. It could be repaired but the cost of repairing it would be more than it's worth if perfect If you have the piece that's broken off, I'd just glue it back and let it go at that It's still a nice little piece o have in a collection until a perfect one turns up. Any blue glass is good.

cJoel Sater Send large self addressed envelope with 12c stamp for free list of hundreds of good books on antiques. c/o this newspaper.



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Miller and Bushong Dairy Luncheon

Miller and Bushong recently held its annual family style luncheon at Willow Valley Restaurant to honor owners of high production milk herds and high production cows

Left to right, front row are William Myers, Lebanon County; Henry Young of Young Bros., Peach Bottom; Fred Lieske, Rising Sun, Md.; Harlan Keener, Willow Street; back row, Robert Gregory, Miller and Bushong dairy specialist; James Dodds, Rising Sun, Md.; Nelson Young, West Grove; Harold J. Ranck, Cochranville RD2; Richard Lieske, Rising Sun, Md.; Frank Campbell, Miller and Bushong dairy salesman.

Each farmer spoke briefly about his outstanding herd or cow.

Dr. Richard Peacock, company nutritionist, spoke and answered questions He noted the importance of roughage testing and developing feeding programs to suit individual herds

Four herds were cited for top performance at the banquet along with nine individual cows The high herds, all Holsteins, were

Mr and Mrs Fred Lieske and son (Mr and Mrs. Richard Lieske) 88 cows averaging 16,600 pounds of milk and 676 pounds of butterfat, the high herd in Maryland in 1969.

Isaac Zimmerman, 15 cows averaging 17,967 milk and 696 butterfat, high herd in Lebanon Co in 1969

Bare Brothers (Hershey and Harold), 62 cows, 16,004 milk and 623 butterfat, second place in Lebanon County in 1969

Richard Breckbill, Oxford RD1 50 cows, 15,533 milk and 601 butterfat

High cows were Lieske and son, "Stella, Holstein, 365 days, 34,795 milk and 1,431 butterfat, Lieske and son, "Pam," Holstein, 308 days, 25,860 milk, 877 butterfat; Mr and Mrs William Myer, "No. 187," Holstein, 365 days, 25 794 milk and 959 butterfat, Mr. and Mrs Harold Ranck, "Polly," Holstein, 356 days, 25,122 milk and 877 butterfat, Kauffman Brothers, "Vigh", Holstein, 363 days, 23,701 milk and 1,023 butterfat

Left to right are Dr. Tom Culton, Hershey Bare of Bare Bros.; Richard Lieske; Fred Lieske, and Richard Breckbill, Oxford, at the Miller and Bushong luncheon.

Young Brothers, 83, Jersey, 305 days, 13,289 milk and 717 butterfat, Mr and Mrs Nelson Young, "Sybil," Ayrshire, 365 days, 14,084 milk and 523 butterfat, and Mr and Mrs James Dodds, "Genatte," Guernsey, 365 days, 16,596 milk and 791 butterfat.

To quality for the Miller and Bushong recognition, a herd must average 600 pounds of butterfat or 18,000 pounds of milk, high individual cow must have

Holstein, 1,000 pounds of butterfat or 25,000 pounds of milk, Brown Swiss, 800 pounds of butterfat or 25,000 pounds of milk, Ayrshire, Guernsey or Jersey, 750 pounds of butterfat or 14,000 pounds of milk

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3½" Thick x 15" Wide 70 Sq. Ft. Roll $4.16

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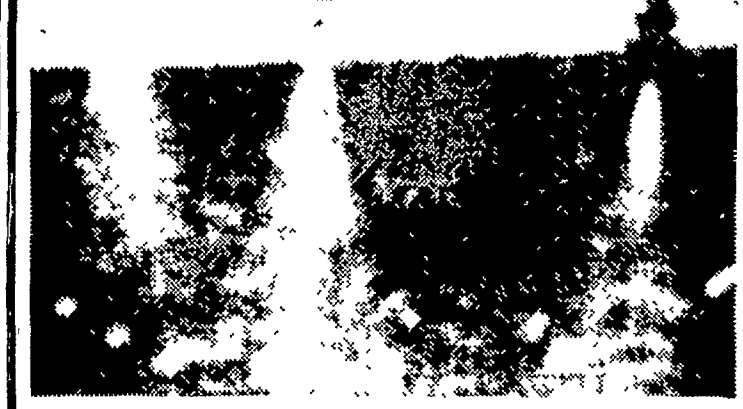

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Real Estate

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Environmental Control Predicted for Broilers

The only successful broiler growing operation in the near future will be one based on complete environmental control, predicted R.C. (Bob) Evans, a systems engineer with Chore-Time Equipment, Milford, Ind., at a recent meeting of breeder firms at North Carolina State University.

Total conditioning of air is needed, he said, to meet the "optimum requirements" of the bird and minimize stress caused by such factors as lack of oxygen, excess humidity, and excess heat

Seven systems that must operate in harmony if an animal production enterprise is to succeed, Evans said, are genetic potential, buildings, feed and water, environmental control, waste removal, money and marketing

In a tightly closed poultry house, the speaker said, various gases from layers with ammonia rising to the top, air in the middle, and carbon dioxide concentrated at the bottom where the birds are It is very important, he said, to stir the air in any closed building to prevent this layering effect

'If you can smell ammonia fumes in a poultry house," Evans said, "there are harmful quantities of carbon dioxide in the lower air layers of the house."

The "perfect" broiler house based on present engineering knowledge, Evans said, is 40 feet wide with a flat ceiling, with insulation "R" values of 15 to 25 in the ceiling and 10 to 15 in the side walls The ventilation system should have the capacity to move one to 1 5 cubic feet of air per minute (cfm) per broiler

Dr J Ray Harris, NCSU extension veterinarian, said broilermen must adopt successful litter management systems or they will be raising birds in virtual cesspools in the future

● Auction

(Continued from Page 2)

00, few 54 00-55 50, Good 47 50-52 00 Standard 42 00-48 00, Utility 35 00-42 00

HOGS 220—Barrows and Gilts steady to 50 higher

BARROWS AND GILTS—US 1 220-245 lbs 26 85-27 25, US 1-2 215-230 lbs 25 85-26 10, US 2-3 200 240 lbs 25 35-25 60, US 2-3 240-255 lbs 24 35-24 85 One lot US 2 3 260 lbs 24 00

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Mail Box Market

HAM DINNER — Bird in Hand Fire Hall Saturday, April 11, 11 a m until 7 p m Family Style Adults $2 00 children $1 25 Take outs available Sponsored by the Ladies Auxiliary

For Sale—Young lambs and also one Ram. Call 665 2962

For Sale—Carpathian English walnut seedling trees Phone 464-2698

For Sale—8 water bowls left over from building dairy barn. (Gardner) 20% off list Phone 445 6409.

For Sale—a 2 horse steel land roller Gas brooders, hanging feeders Phone 464-3758.

For Sale—Good egg washer Phone 733-3505.

For Sale—21" Jacobsen Lawn Queen mower, reel type Phone 872-2538

Wanted—#225X Letz Plate Mill State condition and price 129 S Maple Ave Leola, Pa 17540

For Sale—Sheep, 5 Ewes $20 00 each Call 215 267 5796 after 7 p m

For Sale—International No 211 Fast Hitch Plow 16" bottoms in good condition Ph 215 445 6970

For Sale—Wooden electric fence posts with insulators and creosoted Phone 626-5555

For Sale—20 months old Holstein bull, Archie son, dam high producing Ivanhoe Phone 733-4295.

For Sale—350 gal Esco milk tank with 3 hp unit Also chrome buggy harness. Edward Glick, Gap R#1, Phone 442-8153

For Sale—Alfalfa hay, Timothy Hay Phone Lititz 626 5505

For Sale—GMC dump truck, W tag, A-1 cond used mostly for grain and fill hauling, 14 ft flat bed truck with grain sides and dump hoist Ford 3 pt 2-row cultivator like new, 2 horse cultivator in good condition, Sauder loader A 1 cond with snow bucket, 2 bottom 14" Oliver 3 pt hookup plow, two 4 wheel trailers on rubber Phone 445 6427

For Sale—1 purebred St Bernard pup, $70 00 or best offer Phone 464-3752

For Sale—Quaker space heater with 275 gallon tank, complete. Phone 464 3752

For Sale—Allis Chalmers corn planter to fit a model G Meyer hay conditioner, in good condition Ph. 626 6592

For Sale — #100 McCormick Mower 2 pt. hookup $300.00 Ph. 1 548 2702

For Sale—Purebred Yorkshire Boars Dutch Valley Farm, Ph. 665 6220.

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Whirlhill Kingpin — Dams record:
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New Holland 818 Chopper w/2 row corn head; John Deere #12 Chopper w/2 row corn head and 5 ft. pickup; John Deere #6 Chopper w/2 row corn head and direct cut attachment; J.D. 16A Flail Chopper; 2 - 1040 John Deere wagons with beds (6 mo. old); 4 row J.D. 24B unit planters w/3 pt. tool bar.

Ear corn, tobacco lath, 2 wagon load small items, J.D. #10 mower, #10 I.H.C. mower, Letz PTO mill, 60H J.D. blower w/step up, Gehl chuck wagon on Oliver gears, 2 New Holland metal bed hay wagon on running gears, J.D. 350 rake, 14T J.D. baler, 14T J.D. baler w/#1 kicker, 246 J.D. 2 row cornplanter, 4 row Case Unit planter w/3 pt. hitch tool bar, 2 bottom 16 in. J.D. 3 pt. plow, 2 bottom 14 in. 120 J.D. plow w/gauge wheel, 3 bottom J.D. 810A 14" plow w/gauge wheel, 2 bottom J.D. 415 plow, 2 bottom 2 way Allis Chalmers snap coupler 16 in. plow, 2 Oliver 100 plow trip rope on steel wheels.

2 bottom J.D. 14 in. trip rope on steel, I.H.C. 2 bottom plow, New Idea #19, 207, spreaders, Co-op ground driven spreader, New Holland P.T.O. spreader and forage box att., 30 ft. New Holland elevator, John Deere offset disc, KBA 28 J.D. disc on wheels, KBA 28 and 32 J.D. disc harrows, 2 Cunningham crimpers, J.D. B cultivators, 420 J.D. 2 row cultivators w/tool bar, land roller 12 ft. double packer, 11 ft. Brillion packer 15 in. wheels, 3 sec. J.D. spring harrow, 2 J.D. - KBA - 24 disc harrow, used weeder, Oliver 16 disc drill, J.D. 45 loader, #82 snow plow, 2 New Holland gravity boxes, McCurdy gravity bin, J-M gravity box, 207 5½ ft. rotary mower J.D., 6 ft. Littleson rotary mower.

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Mail Box Market

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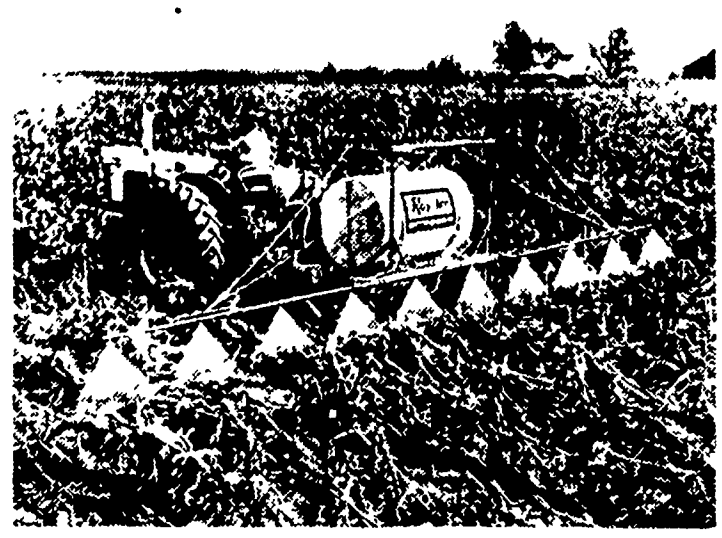

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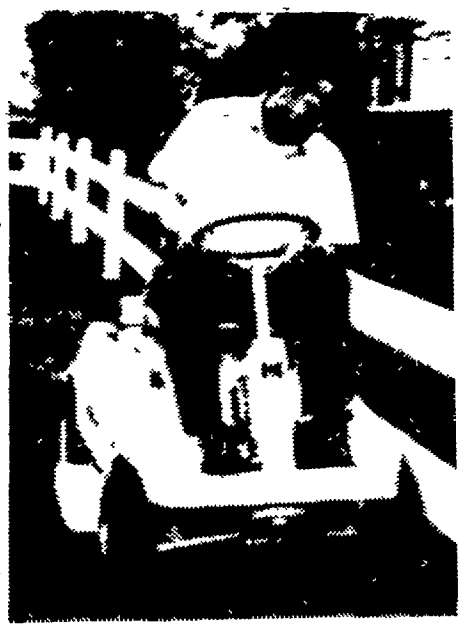

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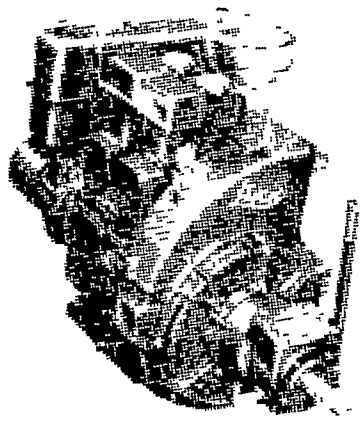

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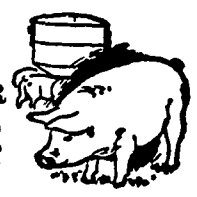

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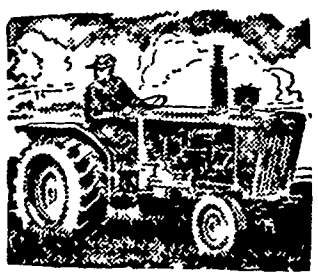

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JD 4520 w/cab	$14,332.	$10,995.	JD 2510 D Power Shift — Sold	7.100.	4,975.
JD 2520 Diesel Power Shift	8,140.	6,575.	JD 1520 RU/D	5,725,	4,495.
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F345 6-16" Power Reset — Sold	$ 2.335.	$ 1.995.	F 145 4-16" Trip	1.347.	1,045.
F145 5-16" Trip—Sold	1468.	1,275.	F125 4-16" Mtd. Trip	939.	695.
F350 4-16" Power Reset	1831.	1,595.	F325 3-16" Mtd. Power Reset	1,125.	895.
			F125 3-16" Mtd. Trip	703.	570.

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AW 13' 10" 20" blades	$1,489.	$ 1,150.
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JD THC 328 10 ft. rope cont.	333.	275.
JD TH 336 12 ft. rope cont.	387.	325.

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Brady 10 ft.	$ 1,004.	$ 745.

GRAIN DRILL

FB 177 B 17 disc	$ 1,671.	$ 1,335.

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494 A 4 row	$ 1,211.	$ 995.
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JD 34 w/hay pickup and 1 row c h.	$ 3,733.	$ 2,925.

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JD 3	$ 326.	$ 275.

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JD 24T	$ 2,380.	$ 1,875.

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Case 530, 730
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1916 — 54 Years — 1970

Erosion Termed Urban Problem

The knowledge of conservation used on farms can help curb pollution in urban communities, according to R M Davis head of the Pennsylvania Soil Conservation Service

Davis said More than 30 years of conservation work by the landowners of this county has greatly reduced the volume of soil washing from rural lands Now the same time tested methods are being adapted to urban problems

The State Conservationist pointed out that a large portion of sediment pollution today comes from urban construction including parking lots, shopping centers, residential developments and other nonfarm uses of the land Many conservation practices that are effective on farmlands can also be used to curb nonfarm erosion, Davis added

Conservationists of the US Soil Conservation Service are spending more time each year in helping towns industries and contractors with soil and water problems Technical help is being provided to the urban areas in selecting and developing land for housing recreation areas, industrial centers and sanitary land fills to handle wastes

The whole concept of conservation is formed on planning for the protection and improvement of the environment The prime difference now is that more emphasis is being placed on urban resources Davis said

● '70 National

(Continued from Page 1)

cows imported from Scotland in 1910 and since then no female has ever been purchased for the herd It was the first herd in the United States to be certified free of Bangs Disease

Over the past 19 years, the number of milking cows has increased 20 per cent and the herd average has doubled to 12 333 pounds with 520 pounds of fat Despite the expansion, the farm uses less labor because of modern methods and machinery

Timberlawn Farm, operated by Nelson and Ann L Laffey, West Grove, is part of a 500 acre land grant made by William Penn on October 16, 1689 During the 1800s the farm was the "agricultural experimental farm" used in connection with Penn State

The farm's milking herd totals 75 animals, as well as 80 heifers and 10 Ayrshire steers

Towerview Farm, Cochranville operated by K A and K E Henley a father-son operation, consists of 160 head of Ayrshires The herd average for the past five years has been 11,000 pounds of milk and 460 pounds of fat Ayrshires were introduced in 1949 and Towerview has received seven Constructive Breeder Awards

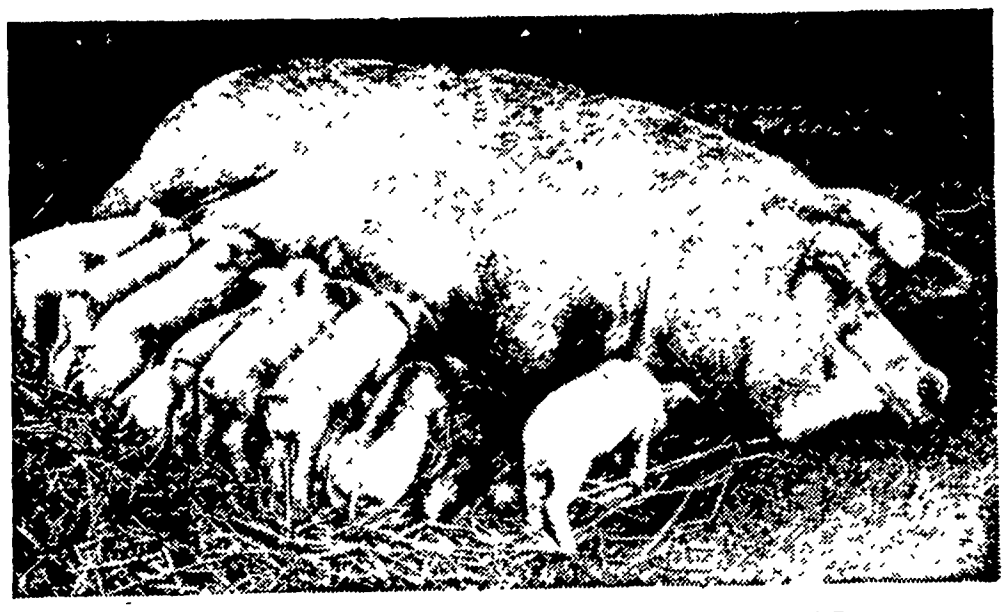
Towerview had two state class leading records that were made by Porterdale Betty Fan and Porterdale Betty Gold They also ranked high on the national class list The farm recently had the first place junior yearling at the Royal Winter Fair during the Ayrshire World Conference

The tour route will wind through some of Lancaster County's scenic farmland

Reidina Farm of Newtown, northeast of Philadelphia, will hold an open house from 10 a m to 4 p m Tuesday

At the grand national sale Thursday evening 13 farms from Pennsylvania will offer animals along with 23 farms from other states and one from Canada Included are Masonic Homes Farm, Elizabethtown Ann Young, West Grove Charles Gable, Elverson and Kennard Henley Jr, Cochranville

READY FOR
BALANCED FEED



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How To Use:—

Start Creep feeding No 701 when pigs weigh 5 lbs or are 7 days old and feed through 6th week when pigs should weigh about 35 lbs.

Amount Required

15 to 20 lbs. per pig.

Feed Per Lbs. Of Gain During This Period

1.25 to 1 50 lbs.

Field Tests Indicate:—

1. More uniformity in pigs, fewer runts.
2. More economical gains. Heavier pigs at 8 weeks.
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Area Bout Next, April 29

2 County FFA Contests Held

Garden Spot, Warwick and Ephrata High School FFA chapters grabbed the four winning spots in the county FFA public speaking and parliamentary procedure contests

The winners will compete in the area contest at 7 p m Apr 29 at Garden Spot High School New Holland

In the county public speaking contest Wednesday at Warwick High School, Lititz, Gerald Martin, speaking in his home auditorium captured first place for Warwick with the subject, "World Without Hunger"

In a parliamentary procedure contest the judges said later was very close, Grassland Chapter of Garden Spot High School took first place, edging out Cloister Chapter of Ephrata and Solanco Chapter

But under area contest rules the first two teams and individuals compete in the area contest

That keeps Cloister Chapter's hopes alive in the area contest and Alan Maclay of Grassland Chapter will have a spot in the area public speaking contest Maclay placed second on "Training Today — Alive Tommorow," a speech on the importance of training in staving off world hunger

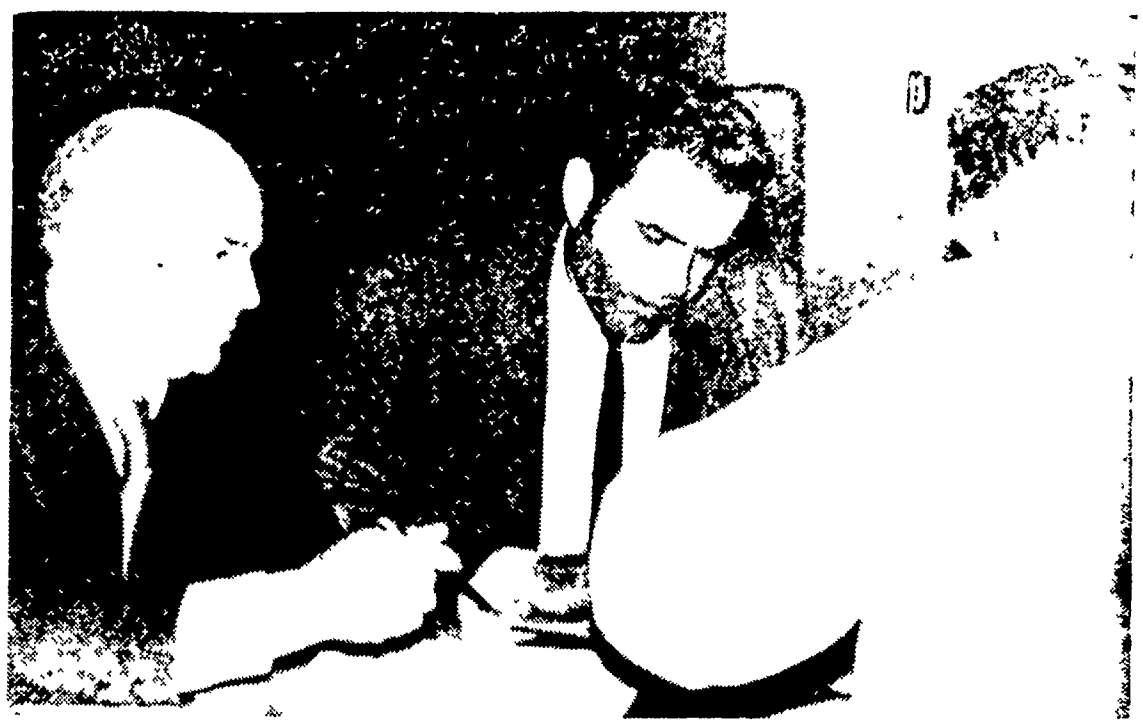
Gerald Martin
Public Speaking Winner

Members of the winning Grassland parliamentary procedure team were Ken Fox, president, Nelson Martin, secretary Martin Good, reporter, Barry Martin, student advisor, Doug Weinhold vice president; Ken Redcay, sentinel, and Gary Stauffer, chaplain

Members of the second place Cloister parliamentary procedure team were Jeff Pfautz, president, Dennis Martin, secretary, Clark Stauffer, reporter, Dale Groff, student advisor, Tom Bolinger, vice president, Galen Hackman, treasurer, David Horting, sentinel, and Jay Zimmerman, chaplain

Other FFA chapters participating in the parliamentary procedure contest were Solanco, Warwick, Penn Manor, Garden Spot (Lampeter-Strasburg), and Manheim

Also in the public speaking contest were Larry Horst of the Grassland chapter, third with a speech entitled "Gasp" on air pollution, three others with unannounced positions, Mark Wagner, Penn Manor, "Our Endangered Nation, Tragedy of Modern Living", Marvin Caskey, Pequea Valley, "Needed — Aid to Our Wildlife," and Adolph Bensinger Solanco, "Farm Safety"



The judges admitted they had a difficult time picking a winner for the parliamentary procedure contest Here, several minutes after all the teams had finished, the judges study their scorecards attempting to reach a decision Left to right are: Harvey A. Smith, vocational education consultant in Dauphin and Schuylkill Counties; Jerry Scheaffer, PP&L farm representative, and Robert Gregory, Miller and Bushong dairy specialist.

Judges for public speaking were Ed Lawton, assistant county superintendent of schools and Stanley Musselman, farm representative from Lancaster County Farmers National Bank, Lancaster

Parliamentary procedure judges were Jerry Scheaffer, PP&L farm representative Robert Gregory, Miller and Bushong dairy specialist, and Harvey A Smith, vocational education consultant in Dauphin and Schuylkill Counties

In a summary following the parliamentary procedure contest, Smith said the teams did "a fine job" and the judges had difficulty deciding the winner He warned against losing penalty points for going overtime and the need to speak loudly enough for everyone to hear Uniform dress was also stressed

Congratulating themselves, members of the winning Grassland FFA Chapter parliamentary procedure contest are, left to right, Doug Weinhold, vice president; Ken Fox, president, and Nelson Martin, secretary.

Lancaster Farming
SECOND SECTION

Young Farmers Volleyball Night

The annual Southeastern Pennsylvania Young Farmers Volleyball Tournament was held at Ephrata High School, Thursday evening, April 2

There were 78 adult farmers and five advisors representing Kutztown, Manheim, New Holland, Penn Manor, and Ephrata Chapters

Extra team members from Manheim and Ephrata made up a sixth "hybrid" team designated as "the odd-balls"

Each team played five short games in order to determine the champion team and team placings

The champion trophy went to Ephrata with 6 0 The "odd balls" placed second with 5 1 Kutztown, third New Holland fourth and Manheim and Penn Manor tied for fifth place

Much fun and fellowship was enjoyed The Manheim Chapter volunteered to host the 1971 tournament, reported Charles Ackley of the Ephrata Young Farmers

Richard Dean of the Ephrata High School Physical Education Department was rules consultant and official for the championship game Sergeant Harold Greenly of the Ephrata Borough Police Department served as mediator

The Ephrata Chapter hosted the event and provided refreshments and slides after the tournament

Hustling for the ball at the recent Young Farmers Volleyball Tournament at Ephrata High School.

Persons Using Phosphates Urged to Get Blood Test

"For your own sake and the safety of your men handling the phosphate insecticides, we suggest that blood tests be made to determine the cholinesterase level, so that your doctor will have a guide for future reference," reports James K Rathmell Jr, Penn State floriculture and nursery agent

He said, "This test is given periodically to the USDA entomologists at Beltsville and by chemical companies to employes who come in contact with organophosphates"

He explained, "Cholinesterase is an enzyme, normally present in our blood, which regulates the action of our muscles, breathing and central nervous system Constant exposure to or use of phosphate insecticides can inhibit the action of cholinesterase, with serious consequences

"Persons handling phosphates such as parathion, tepp, Thimet, Diazinon, Vapona, Cygon, malathion, Dibrom, Meta-Systox R, Systox sulfotepp (Dithio), schradan (OMPA) and Di Syston should obtain a cholinesterase test,' which is normally conducted by the larger hospitals for about $5 to $10

Rathmell said the blood test should be taken under normal conditions "so that the results can be used as a guideline in case of accidental exposure or as a check on future cholinesterase levels"

Rathmell concluded, "Florists and nurserymen have an excellent outstanding safety record as far as these materials are concerned Let's keep it that way in the future"

Holstein Tour Draws 180

Some 180 persons in four buses participated in the Lancaster Co Holstein Tour of the Maryland Eastern Shore April 2

Conducted by the Lancaster County Holstein Friesian Association, the all-day tour left Lancaster Shopping Center and stopped at Herr's Potato Chip Plant at Nottingham

Then the 2,000 acre farm of Edwin Fry, National Holstein director at Chestertown, was toured A scheduled tour of Remington Arms a private game preservation was cancelled due to weather, but a film was shown at Fry's

Despite a heavy downpour of rain, an outdoor fish fry was held on the Eastern Shore

The farm of Carl Leonard at Kennedyville was toured His is one of the high producing herds in Maryland and includes a 100 stanchion barn with many labor-saving methods

Marketing Said Big Future Farm Issue

Farmers are soon to be caught up in a major debate over the manner in which they do business, predicts Kenneth D Naden, executive vice president of the National Council of Farmer Cooperatives

"It has little to do with how to raise crops or livestock," said Naden "Farmers have pretty well mastered those techniques. The crux of the question now is what they do with what they've produced how they market farm products Or how anyone else markets farm products.

"Bold theories are being advanced They hint of radically different business structures for agricultural firms and farmers themselves Farmer cooperatives figure prominently in the plans

"Much of the theory centers on a need for more inter-dependence of those who produce, process and retail farm products I'm sure we'll see closer links among those involved with each function This is new to agriculture but its old stuff in other industries Take oil as an example The route from wells to refinery to consumer has always been closely coordinated

At the recent Outlook Conference of USDA Harvard professor Ray Goldberg told an audience of 600 extension economists that an "all-system approach" is the key to more orderly marketing.

He envisioned multi-product, multi-national firms as being dominant in the industry, and he said farmer cooperatives would be the vehicle through which producers could maintain a "piece of the action" in the complicated new structure

In effect, the supply and marketing apparatus that co-ops have developed would be applied — through some sort of business linkup — to the research and product development achievements of the big food firms.

Eric Thor, new administrator of the Farmer Cooperative Service, sees a similar evolution in agribusiness Thor thinks farmers will have several options available, some involving only co ops and others featuring closer ties between grower and non-grower interests

Naden said that ultimately, the structure chosen by farmers will depend on how well they develop their own economic punch "Farmers will reap benefits from the system in proportion to the effort and resources they put into it, regardless of the form of organization

"If producers are to link up with non-producers, they'll have to be strongly organized in order to stand on equal footing And if they are that strong, then maybe they can stand alone anyway "Frankly, I hope farmers will be able to do the job themselves, through bigger and stronger cooperatives If that is not possible, then it is worthwhile to consider other types of business arrangements being advocated," Naden concluded

Pa. All-American Dairy Show Set Sept. 21 - 25

The Seventh Pennsylvania All American Dairy Show will be held at the Farm Show Building in Harrisburg September 21 25

Over 2,000 head of cattle, including some of the best Registered Cattle of the six dairy breeds were shown at the 1969 show.

With exhibitors from Canada and 17 states from Maine to Minnesota and South to Tennessee, the show has been successful because of wide support from exhibitors, allied industries and spectators.

Thomas W. Kelly, show manager, reported the first Invitational Youth Judging Contest with 4-H, FFA, and Collegiate divisions.

Kelly said, "We believe the show provides many benefits for all dairymen in eastern United States and Canada Better Registered Cattle are being bred and merchandised by our exhibitors with the total dairy industry as the ultimate beneficiary"

Entries to the 1970 show close August 20 A brochure states premiums totaling $58,344 will be offered

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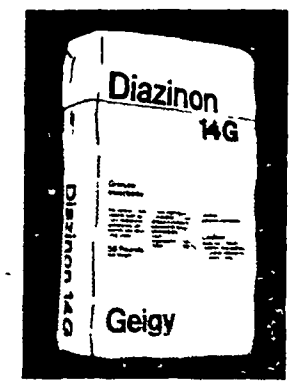

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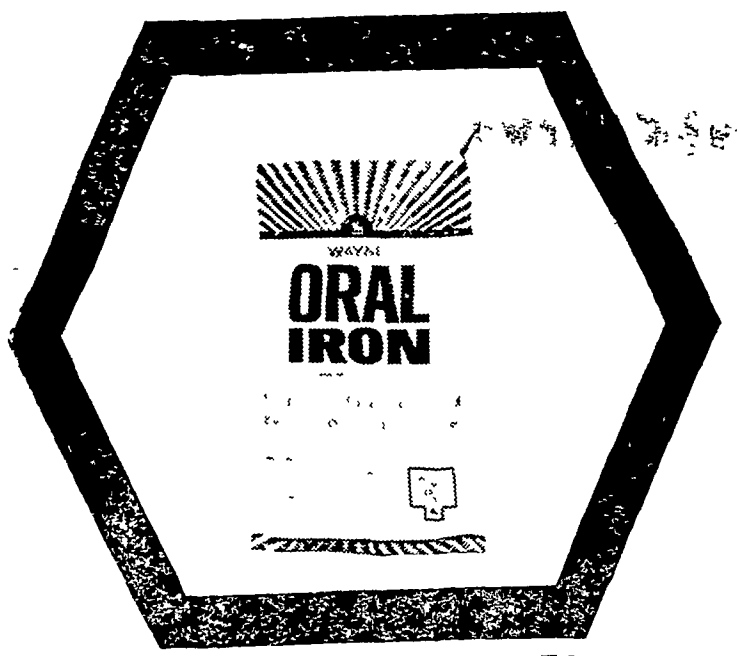

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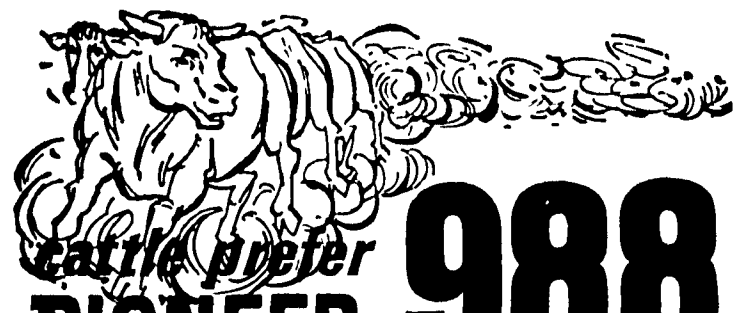

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WASHINGTON REPORT

Congressman Edwin D. Eshleman

16th District—Pennsylvania

The postal crisis has been very much on the minds of all Americans in recent weeks Any interruption of the mail service causes almost unbelievable disruption in the daily routine of our society Movement of the mails is an absolutely essential activity in this country

Business cannot operate, government cannot function, and millions of individual citizens are faced with emergency situations if the mails are not delivered. A postal strike naturally becomes a matter of wide concern

The postal workers in the 16th Congressional District merit the praise of all of us for their recognition of responsibility in the face of the mail crisis When confronted by emotional pleas to act upon grievances by walking off the job, postal employes in Lancaster County, Lebanon County and Middletown elected to keep working. In so doing, they set an example of dedicated public service.

York and other cities the local letter carriers want (and deserve) better pay and better working conditions. but they recognized that there is a right way and a wrong way of seeking and attaining change

The postal strike was wrong It was illegal, violating both the letter of the law and the spirit of an oath sworn by all federal employees To condone the strike is to condone unlawful activity and faithlessness to a freely sworn statement

In addition, the work stoppage was an obvious extension of a dangerous philosophy. That philosophy is something I call government by muscle which simply means that a group wanting something attempts to pressure the Congress regardless of the consequences to the rest of the society

Congress was a target of postal pressure While intimidation is the worst possible way, and usually the least productive way, of approaching any legislative body, in the case of the mail crisis Congress was not faultless

Legislation for raising postal pay had languished in a congressional conference committee for months In fact, the House of Representatives passed the postal pay bill last October The Senate passed its own version of the legislation in December thus setting the stage for a conference to work out the differences between the two proposals

Th conferees first met in March of this year Small wonder that the postal workers became frustrated by inactivity that seemed to border on unconcern

Yet, the postal crisis is just one more issue where Congress has been too slow to act On issue after issue, inactivity has been the principal reaction on Capitol Hill

I cannot help but think that this inaction is tied to the ineffectiveness of the old timers who run the Congress. There are 21 committees in the House and 19 of the 21 committee chairmen are in their 60's, 70's. or 80's. This year three chairmen will be in their 80's, seven in their 70's and nine in their 60's.

The vitality of Congress is bound to be affected by the overwhelming number of graybeards at the top, and the lack of vitality is translated into a lack of action on many matters, including those as serious as the postal situation.

I think it is important to say again that we owe the postal workers in the 16th District a debt of gratitude They certainly will be deserving of the benefits settled upon in the present negotiations.

And, let us hope that their example of responsible public service will help to prevent another postal crisis in the future

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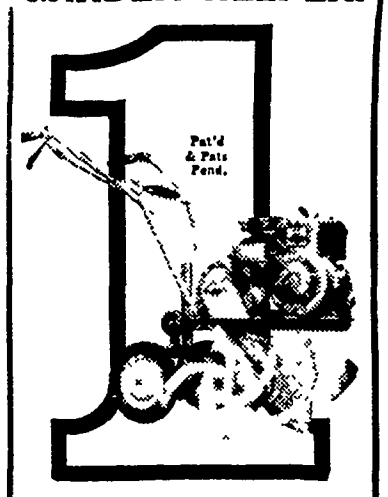

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Fix Fish to Fit Family Taste

By Mrs. Richard C. Spence
Lancaster Farming Staff Writer

If someone tells you that the most important season of the year is coming up, it's a pretty good bet that you're talking to a fishing enthusiast.

If the fishermen in your family are lucky enough to have a good catch when they go out you will want to prepare whatever they bring you in the most delicious way possible.

Fish can be prepared so that the most finicky eater in your family will enjoy the delicious flavor, your calorie counter will applaud; you can relax because fish is so easy to prepare and you know it is full of food value.

Broil or bake fish for the calorie counter Practically any fresh or frozen fish, including salmon, swordfish, shad and halibut, are suitable for broiling Since broiling takes such a short time, fish can be either fat or lean

However, when baking lean fish fillets, such as halibut or flounder you will need to baste them to keep them from drying out To cut down on calories, use canned tomatoes with seasoning instead of fat.

Naturally, smothering the fish with a rich sauce will also add calories, but fish can satisfy even the family that includes both dieters or hearty eaters. Just add a garnish of lemon or season with herbs for the diet-conscious and put on the Hollandaise or tartar sauce at serving time for your lean and hungry folks.

Fish cookery is easy if you keep a few basic rules in mind Salt before cooking — to bring out the flavors. Cook quickly and for as short a time as possible

Don't overcook; over-cooking draws out the natural juices, the fish shrinks and dries out. And your family complains

Fish is done to prefection when it's fork tender, separates from the bones and flakes easily Serve it immediately on a warm platter.

Fish doesn't always have to be fried Broil it: bake it, steam it, fry fish in chowders, stews and soups, use different sauces and seasonings, too

Try adding your favorite stuffing the next time you bake fish, bread and oyster stuffing are standbys Put the stuffing between two fillets or in the body cavity of a whole fish

If you are looking to calories you can dip the fillets or steak in lemon juice and grated onion before baking You can also add color and flavor by pouring lemon-parsley sauce over broiled fish steak

Improve the flavor of broiled fish by cooking in a liquid seasoned with lemon juice, fish stock or bouillon A rich, bright-colored sauce will add flavor excitement; experiment with creole, cucumber, egg, Spanish and mushroom sauces for variety. Use them on broiled or baked fish, too.

Garnishes can provide contrast and add appeal to fish dishes. How about sliced lemon, parsley, sliced tomatoes, watercress, sliced hard-cooked eggs, or sliced sweet pickles? Spices that go well with fish include basil, bay leaves, marjoram, saffron, savory, tarragon and thyme

To sum it all up, there just isn't any reason for anyone to say they don't like fish with so many different ways to prepare it.

FISH AND HUSH PUPPIES

Fish:
- 2½ cup enriched corn meal
- ⅓ cup all-purpose flour
- 2 teaspoons salt
- ⅓ cup milk
- 2 pounds frozen fish fillets

Hush Puppies:
- 1½ cups enriched corn meal
- ½ cup sifted all-purpose flour
- ½ teaspoon baking powder
- ½ teaspoon soda
- 1 teaspoon salt
- ⅓ cup chopped onion
- 1 egg, beaten
- 1 cup buttermilk.

For fish, combine corn meal, flour and salt Place milk in shallow container Dip fillets in milk and then coat with corn meal mixture. Fry in hot deep fat until golden brown and fish is flaky. Drain on absorbent paper.

For hush puppies, sift together corn meal, flour, baking powder, soda and salt. Stir in chopped onion, egg and buttermilk, mixing only until dry ingredients are moistened. Drop by teaspoonfuls into hot deep fat, turning when brown on one side. Drain on absorbent paper. Serve with fish. Makes 6 servings.

SALMON STEAKS OLYMPIA

6 salmon steaks
Lemon Butter Sauce*
2 tablespoons snipped fresh parsley
Lemon wedges

Arrange salmon steaks on cold broiler pan; baste with Lemon Butter Sauce Place in cold broiler, 3 to 5 inches from source of heat. Broil 15 to 18 minutes, or until fish flakes easily with fork, basting 1 to 2 times It is not necessary to turn steaks Remove salmon to warm serving dish and cover with remaining heated sauce Garnish with parsley and lemon wedges

LEMON BUTTER SAUCE
- 1 cup melted butter or margarine
- ⅓ cup lemon juice
- ¼ cup finely minced onion
- 1 teaspoon salt
- ½ teaspoon paprika
- 1 tablespoon Worcestershire sauce

Thoroughly combine all ingredients; keep warm until serving time. Makes 1⅔ cups.

LEMON BAKED FISH WITH HOT RICE SALAD

1 ready-to-cook whole fish
½ cup lemon juice
Parsley
2 onions, sliced
2 lemons, unpeeled, sliced
2 tablespoons butter or margarine

Hot Rice Salad*
Lemon wedges

Rub cavity and outside of fish

(Continued on Page 25)

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Farm Women Societies

Society 8

Society of Farm Women 8 finalized plans for a bus trip to Morgantown for the Tri County Relief Sale on April 25 at a meeting held in the home of Mrs. Richard Warfel, Mount Joy.

The group will sponsor a bus trip to Camp Hill on May 5 to the Spring Rally Mrs William Heisey president, is in charge of reservations for both trips.

The group voted two new members into the group They are Agnes Houseal and Mrs Elias Musser. The group approved the closing of membership at 50 members.

A trio of young women including Bonnie Engle, Nancy Heisey and Mary Ann Engle presented several vocal numbers Mrs Arthur Wolgemuth presented humorous readings.

In other business, all members present contributed 50 cents and signed a statement favoring Lancaster City ordinance restricting X rated movies

The next meeting will be held on the bus enroute to the sale at Morgantown on April 25

Society 12

Society of Farm Women 12 met at the Evangelical Congregational Church, Conestoga, and heard an illustrated lecture on the customs of Greece by Mrs Barbara Valavanes She also showed costumes and handwork from her native land, although she has been a citizen of this country for more than 30 years.

Miss Ethel Kindig, president, conducted a business meeting in which she reported on the visit to Conestoga View along with Society 11.

The next meeting will be held April 18 at the Farm and Home Center. Members of Society 19 will be guests.

Farmer Now Feeds 42

A century ago, the American farmer produced food and fiber to feed and clothe himself and three others

By the 1940s, the figure had jumped to the farmer and 11 persons Today, it's the farmer and 42 other persons

Flower Arranging

All of us have enjoyed the tune that goes "The flowers that bloom in the spring tra-la." And flowers do bloom in the spring They appear in all sizes, shapes, and colors for your enjoyment outdoors and inside your home

Arranging flowers gives you a chance to create something, to highlight some special spot, and to bring joy to those who observe your pleasing arrangement.

Beautiful and pleasing arrangements can be made, whether you have many blossoms from your garden or a few which you have purchased from a florist, if you know how to arrange them.

Clearly written and illustrated with pictures of mechanics, type of containers, arrangements, and the steps in corsage making, is a correspondence course offered by The Pennsylvania State University The information is adequate for the novice and also a challenge to the person who is experienced in arranging flowers

By sending $3 00 to Flower Arrangement, Box 5000, University Park, Pennsylvania 16802 now, you will have the course in time to take advantage of the first Spring flowers Make check or money order payable to Penn State.

Ladies, Have You Heard? . . .

By Doris Thomas, Extension Home Economist

Eight Point Posture Check

Your knees must be bent just a little to act as stabilizers for the body's balance and to act as a shock absorber.

Your abdomen is flat and you have a neat indentation at the waistline

Your chest is held high, but not out and forward.

Your arms are at your sides, relaxed, with fingertips touching your thighs

Your shoulders form a semi curve

Head is erect with chin level

You have a relaxed look on your face

THOMAS

Garment Pressing Tips

Good pressing helps restore the original shape of a garment after it has been worn

Press in the direction of the grain, having the garment on your ironing board grainline straight.

Press from the wide to the narrow part of dress sections, as a general rule

Press straight seams flat, keeping seamlines straight

When pressing hems, hold the iron at right angles with the hem line

Pressing around the hem or with a circular motion may stretch the edge of a hem.

Hold a flat curve, such as a neckline, on its curved position while pressing it

Press on the wrong side of the fabric, if possible, otherwise use a pressing cloth if working with wool, synthetics or blends

Don't overpress

Use a light touch

Hang the pressed garment on a well-shaped hanger until it is completely dry before storing or wearing it.

Keep Knives In Good Condition

Knives stay in good condition through reasonable care, rather than frequent sharpening This means

Cutting on a board.

Protecting a knife in storage, not storing it with other tools

Never use it to pry off lids, open packages, or sharpen pencils

Use an old, inexpensive knife for rough jobs

Never use a knife to open cans, it's unsafe

Heat is harmful to knife blades Too hot water can spoil steel, and the handle of a knife is more delicate than the blade

Keep knives clean and sanitary and dry thoroughly before storing

Use a cleaver to cut bones — not a butcher knife Bones can dull sharp knives

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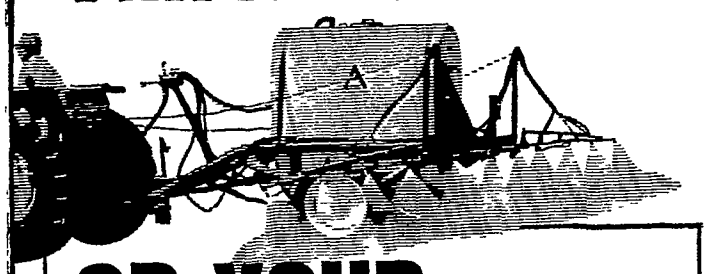

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ALLIS-CHALMERS

Across the Editor's Desk

The following appeared recently in the "Oklahoma Ranch & Farm World"

Pfew! Pollution has power! Political power!

The Democrats and Republicans are said to be in a heated contest to claim credit for cleaning up the mess that both sides have eagerly taken credit for creating during the past decades in the name of progress

Don Muhm, Des Moines Register and Tribune farm editor and president of the Newspaper Farm Editors of America, told agriculture editors Feb 29 at Columbia, Mo, the major political issue in Iowa is pollution

President Richard Nixon has proposed a $4 billion pollution control program He has appointed a new 3 member Quality Control Council headed by Russell E Train, a noted conservationist and Under-secretary of Interior.

In other Washington releases, proposals have been made to cut ACP (Agriculture Conservation Program) funds These are government matching funds to assist farmers and ranchers in performing conservation practices

Some ranchers said they applied for matching funds to construct ponds but learned ACP funds for such conservation work were exhausted

Some arguments state the ACP funds are forms of farm subsidies which increase productivity of the land; therefore, the ranchers and farmers should pay for them.

Some ranchers ask if the $4 billion allocated for city sewerage treatment plants isn't a subsidy to urban residents Conservationists point out that 90 per cent of anti-pollution projects will be on the land

Some ask if there will not be duplication, with pollution moneys being spent for desk work, adding more paper to the pollution pack Others say the more who get concerned with the problem, the better.

The Nixon administration has asked $327 million for the Land and Water Conservation fund.

The spotlight is focused on pollution Action is certain, conservationists feel Will too many agencies flounder in a fog of confusion or will organized efforts be exerted toward the goal of cleaning up the environment now?

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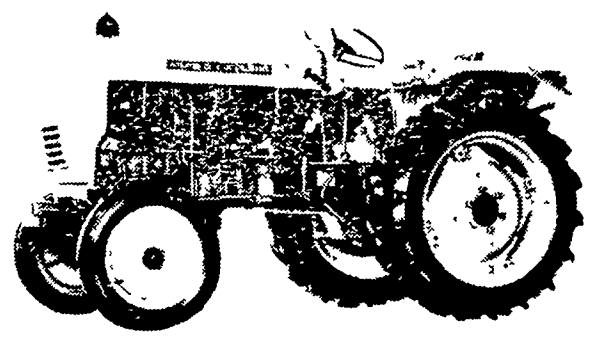

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Tassel Corn Has Big Potential

Tassel corn is not new. It's probably been around for thousands of years.

A few reports on the tassel mutants have been sparsely scattered in the scientific literature over the years, but the idea of considering it seriously as a domestic crop is fairly recent

Dr John Eastin, DeKalb, Ag Research, Inc., plant physiologist who began a study of tassel corn in cooperation with Dr Jerry Kermicle in 1964 while on the staff at the University of Wisconsin says it has an exciting potential

A major objective in breeding corn is to develop a plant with a high grain to leaf ratio In his attempts to evolve such a plant the breeder has the genes to put an ear in any leaf axil or — in the case of tassel corn — to put the grain on top And with tassel corn he can enclose it in either husks or glumes

At Wisconsin, John had tassel corn at a 20,000 population and some of the tassels produced 2 000 seeds This seed number contrasts markedly with a typical commercial ear which has 800 — 900 kernels

There are a series of potential advantages to tassel corn when compared to present hybrids·

It could lead to significantly higher yields

It tassels and silks earlier

It dries down faster, probably because of no cob

It is believed that it will stand stress better As an example, when corn is stressed by lack of light or moisture, nature normally compensates by setting an ear at the tassel in an effort to survive.

It harvests early without a picker head and probably with less harvest loss

This potentially adds up to a higher yielding crop which matures earlier, dries faster and harvests easier

An interesting consideration for northern latitudes (where temperatures are now sub optimal for corn growth) is that the seed in tassel corn is exposed to a higher radiation environment than normal corn where the seed is shaded by leaves and husks

This affords the opportunity to influence radiant energy absorption by the seed and consequently increase seed temperature above air temperature.

Hopefully a rise in seed temperature will increase metabolic activity and seed development rates Additionally, seed pigmentation can be easily altered to enhance radiant energy absorption.

There are however, a number of problems to be solved before tassel corn is ready for farmer use and they should not be minimized They include kernel smut, insect and bird damage, plant height (it should be lower than its present 6 7 feet), timing of pollen shed (the period between silking and pollen shed must be shortened) and some yet unknowns

After considering both the positives and negatives of tassel corn the company has decided that there is enough promise involved that it is conducting a significant breeding effort

Garden Spot YF Meet

The Garden Spot Young Farmers Association will hold their monthly meeting at 7 30 p m on Tuesday, April 14 in the voag room of Garden Spot High School New Holland

The program will be on Forage Willis Mcslellan extension agronomist, Penn State University, will be the guest speaker. The topic will be Forage Establishment and Weed Control"

This will be the final meeting of the 1969-70 season Plans will be made for meetings of the 1970-71 season This will also be the last opportunity to bring the membership up to date

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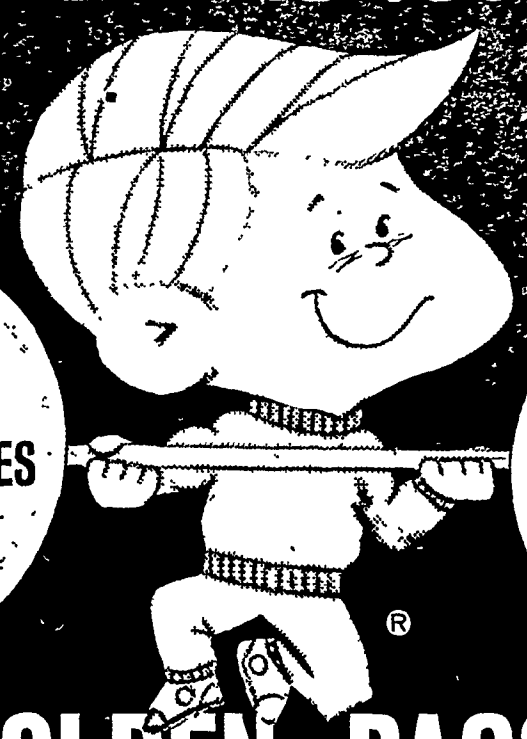

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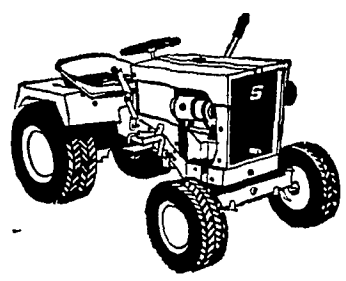

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4-H Club Activities

Elm-Penryn 4-H Club

By Gregory Schell
News Reporter

The Elm Penryn 4 H Club was called to order by the president Michael Grube and the club pledge was recited Roll call was taken and the club members responded by telling what projects they were taking and their progress

The meeting was then turned over to Mr Victor Plastow, our representative from the County Extension Office, who showed a film entitled "Goals and Dreams"

The next meeting will be held Monday, May 4 at 7 40 p m at the Penryn Fire Hall.

Holstein 4-H Club

By Philip Bixler

The first meeting of the Holstein 4-H Club met recently at the Farm and Home Center

The following officers were elected President, Burnell Buchen, Vice President, Robert Greider, Secretary, Raylene Harbold; Assistant Secretary, Joyce Groff; Treasurer, Gary Buchen, Game Leaders, Debbie Hess and Tom Wivell, Song Leaders, Marlene Harbold and Nancy Eby; News Reporter, Philip Bixler, County Council, Sue Kauffman, Vernon Yost, Bob Greider and Dave Warner

The adult leaders of the club are Robert Kauffman, Clarence Stauffer, Jay Landis, Mrs Herbert Royer and Kenneth Rutt

Bryncoed Farms Has 31 Ton Silage Output

Bryncoed Farms of Chester Springs, with a yield of 31 62 tons of 30 per cent dry matter silage per acre, have been entered in the 1969 DeKalb (Ag Research, Inc.) 30 Ton Silage Club.

Their entry was mechanically harvested and verified by an impartial third party The yield came from afield of XL-66

They used such progressive management practices as good weed and insect control, heavy fertilization and a high population hybrid to attain this yield

They planted on May 15 in 35 inch rows The fertilizer program included 170 pounds of nitrogen, 200 pounds of phosphate and 140 pounds of potash Twenty tons of manure had also been applied Weeds were controlled with Aatrex and one cultivation

The purpose of the DeKalb 30 Ton Silage Club is to promote idea exchange, stimulated by friendly competition, among the nation's leading silage growers

Feed Is Major Expense Of Poultry Production

Feed is a major expense in poultry production It amounts to about 55 per cent of the total cost of producing market eggs, 65 per cent of the cost of producing meat-type birds, and 55 per cent of the cost of producing hatching eggs

The age and breeding of chickens determine their purchase price Highest purchase prices are charged for ready-to-lay pullets Day-old sexed pullet chicks sell for 25 to 30 per cent of the cost of ready-to-lay pullets of the same breeding

Normal expenses of a farm flock — in addition to feed and birds — include housing, equipment, vaccines and drugs, fuel, electricity, labor, taxes, interest, and depreciation

Accurate records are essential in figuring costs and determining efficiency Records also can be used to improve operations.

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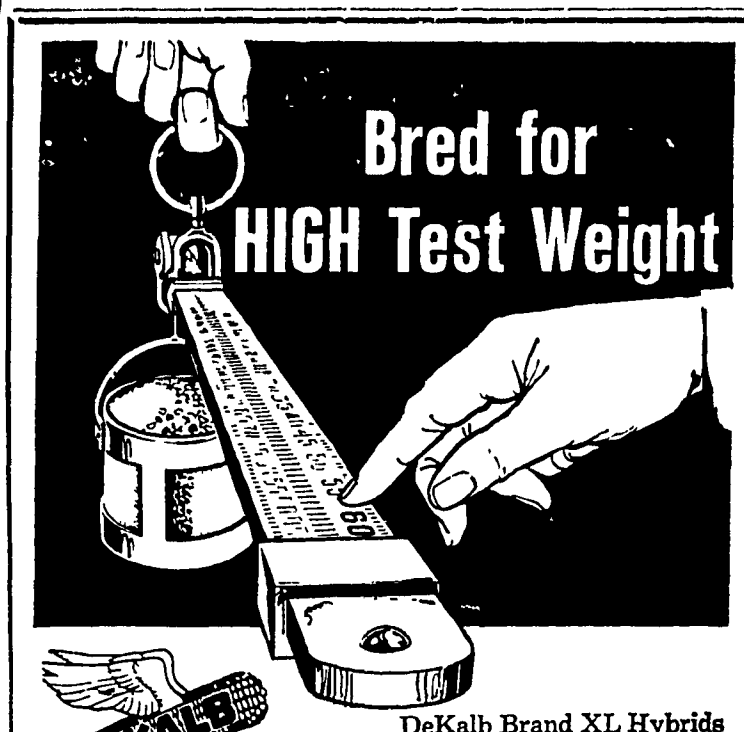

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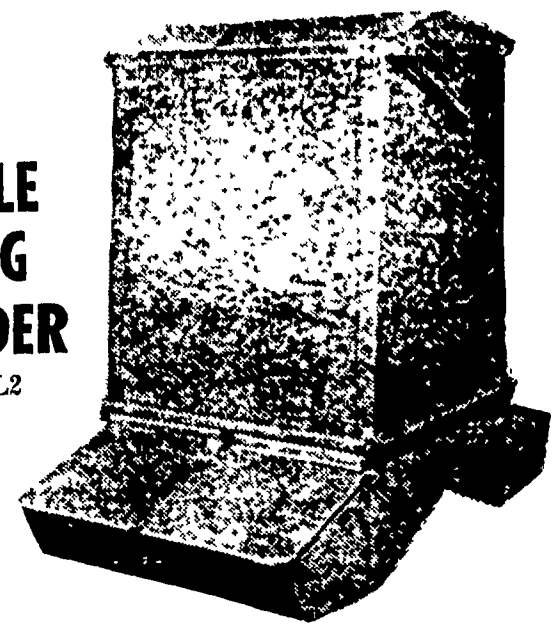

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Capital Is Major Farm Resource

With short term interest rates hovering around 10 per cent, your capital efficiency takes on added importance.

Mahlon Shoup, manager of the Farm Management Business Analysis Service in Pennsylvania, says, "In modern agriculture capital efficiency measures can be more important than the common physical terms most farmers know about, such as pounds of milk per man or dozens of eggs produced per hen.

Capital is defined by most farmers as money. It's a major resource, right along with labor, land, livestock, and machinery

Most farmers are doing reasonably well with most resources, but too many are failing to take account of their money efficiency.

To illustrate what he means, Shoup cites an analysis he made of 30 south Pennsylvania dairy farms, all of them enrolled in the FMBAS, an affiliate of the Pennsylvania Farmers Association.

He found that the return on money invested in the farm operations ranged all the way from a minus seven tenths of a per cent for the lower third to a plus 12 2 per cent for the top third.

Also, he found that the bottom third had 51 per cent of their total assets invested in land and buildings, while the top third had only 43 3 per cent tied up in land and buildings

The same was true with equipment; the bottom third had 17 8 per cent of their assets invested in equipment, while the best 10 operators held it down to 15 9 per cent.

With livestock it was the other way around The best operators had 25 per cent invested in livestock, whereas the lower third had only 19.6 per cent of their money in livestock

The top third of the 30 dairymen had a much lower total investment per 10 000 pounds of milk produced than did the others The best 10 had an average of $1,560 invested per 10,000 pounds of milk sold, against $2,158 for the lower third.

● Fix Fish

(Continued from Page 20)

well with lemon juice. Fill cavity with parsley and 2 slices each of onion and lemon. Place half of the remaining onion and lemon slices evenly on a rack in a shallow roasting pan Place fish on top; top with butter and cover with remaining slices Bake at 400 degrees, allowing 12 minutes per pound for a fish about 2½ inches thick Serve with Hot Rice Salad and lemon wedges.

HOT RICE SALAD

- 4 cups cooked hot rice
- 1 tablespoon salad oil
- ½ cup mayonnaise
- 1 tablespoon grated lemon peel
- ¼ cup lemon juice
- ¼ cup minced onion
- ¼ cup salted peanuts
- 1 tablespoon chopped pimiento
- 1 teaspoon dill weed, crushed, (optional)
- 1 teaspoon salt
- ⅛ teaspoon pepper

Combine cooked rice and oil; toss to coat well Combine remaining ingredients thoroughly, pour over rice, tossing lightly to mix Keep warm over low heat until ready to serve 6 servings.

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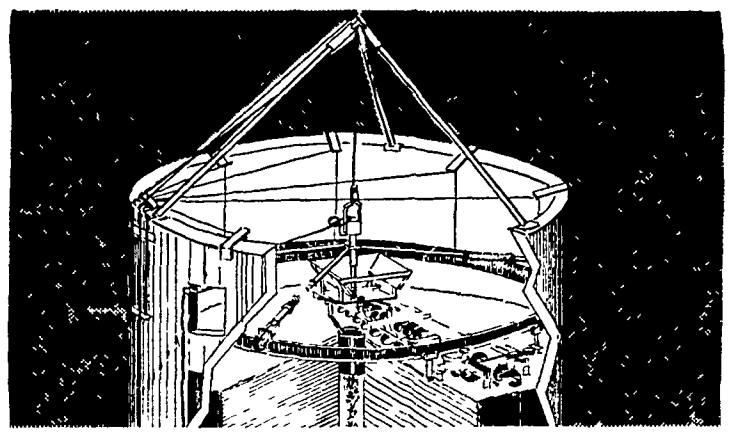

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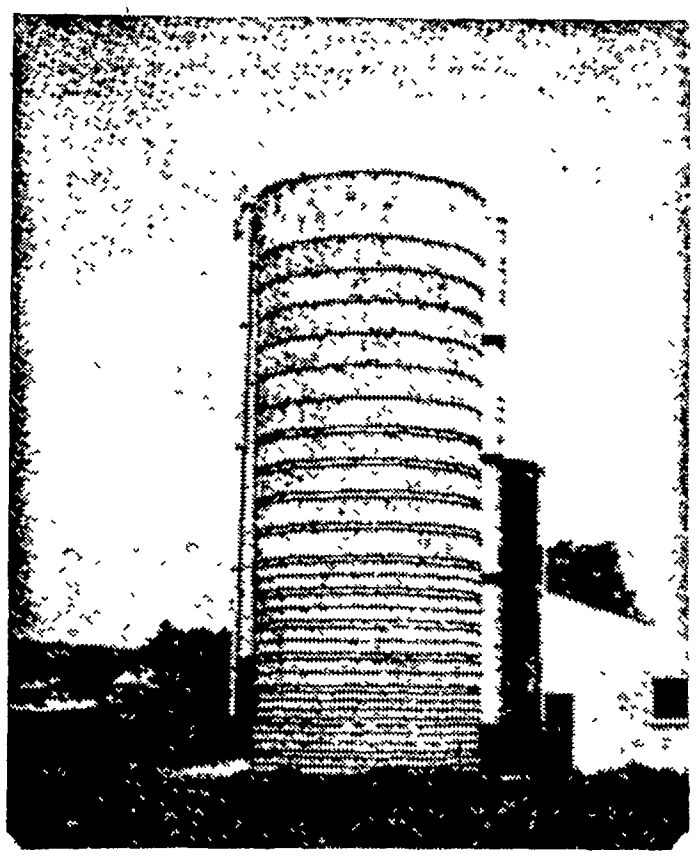

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Lancaster

Feeding Urged

Honey Bee Losses Reported High

Losses of honey bees ran high this winter, reports the Penn State extension service

Arnold G Lueck associate county agent, reported in a recent newsletter that some bee keepers reported almost half of their bees are dead This compares to a normal 10 per cent loss due to queen failure and starvation

The reason for the high loss this year was the weather. Many bees did not have a flight for six to eight weeks because of snow and low temperatures. Large colonies had less trouble than weak ones.

Bees must have enough warm weather to move the cluster to fold if they are to survive

Locations and upper entrances were very important this winter. Bees should be protected from the prevailing winds, and they should be in sunlight.

All colonies will benefit from feeding Sugar syrup fed in the early Spring will not only save some colonies, but will stimulate brood rearing. Since it takes over six weeks to develop a colony headed by a good queen, feeding should be started late March.

This helps to bring the colony to its peak strength in late May at the time when most areas have their main honey flow

It is important that a constant supply of honey or food is available once brood rearing has started Plants such as skunk cabbage, red bud, maple willow, dandelion and fruit are important plants at this time

Sugar syrup should be made up of at least 1½ parts sugar to 1 part hot water by volume

Feeding is best done inside the hive over the brood nest This is where the hive is the warmest, the bees are located, and the food is needed The entrance feeder does not work as well as a feeder inside the hive since the bees will not go down to get food on cool mornings.

There is a need for pollen in many of the colonies which were checked this Spring

Although pollen substitutes are not as good as natural pollen, they do help in the development of the colony. Pollen is the protein of the bees' diet and is necessary if brood is to be reared. Pollen substitutes are available through most bee supply houses. The ready-mixed product is the best buy for the smaller beekeeper

Bees which are fed and cared for properly in the Spring will develop into large colonies in time to take advantage of even the light honey flows. There is danger that these colonies may swarm.

Most swarming can be stopped by proper supering. In the case of two-story colonies, reversing hive bodies is about the same as adding a super. This reversing should be done about the middle of April when the weather is warm.

Not all colonies need reversed, only those colonies which insist in staying in the top super. Another super may be needed by the first of May when dandelion and fruit are in bloom

Since adding supers will not stop all swarming, it is important to check the colony every 8-10 days for the presence of queen cells It is only necessary to check the second story since this is where the queen cells are found under normal conditions This can be done quickly by merely tipping the top super back and looking up between the frames.

If there are queen cells, this is the time to act One of the best ways to handle such a colony is to insert a double screen between the upper and lower hive bodies

Be sure to add a super full of combs to the lower body and check to see that the queen is in the lower one Have an entrance to the rear in the upper body or in the double screen

Normally, any queen cells in the lower body are destroyed by the bees, and the bees above the double screen will rear a new queen. This new quen may be used to requeen either the parent colony or another colony, or the whole top hive body with the new queen may be moved to make a new colony or to strengthen a weak hive. It is seldom that a colony treated in this manner swarms. The parent colony will produce about as well as one not treated in this manner, and the division may produce during the Summer and Fall.

Add supers early enough: watch the colony, and as soon as there is a sign of a honey flow, add one. The next is added as soon as the bees are well established in the first. In the early Spring only extracting should be used. If comb honey is desired, the supers should be added just prior to what is considered the main flow.

Give Layers Shell Matter

Eggs that grade AA and A must have sound normal shells

Varying degrees of egg thinness are permitted in B and C grades These defects determine the final grade despite the fact interior quality may meet A or AA requirements the Pennsylvania Department of Agriculture reports.

Poultrymen can aid sound shell structure by providing ample shell making material to their laying flocks.

After 10 to 12 months of intensive production, shell glands of some laying hens fail to function as ably as before and shell defects become more evident.

Poultrymen who seek to carry their better layers into second year production should determine the feasibility of this practice on the percent of sound shells produced toward the end of the laying year

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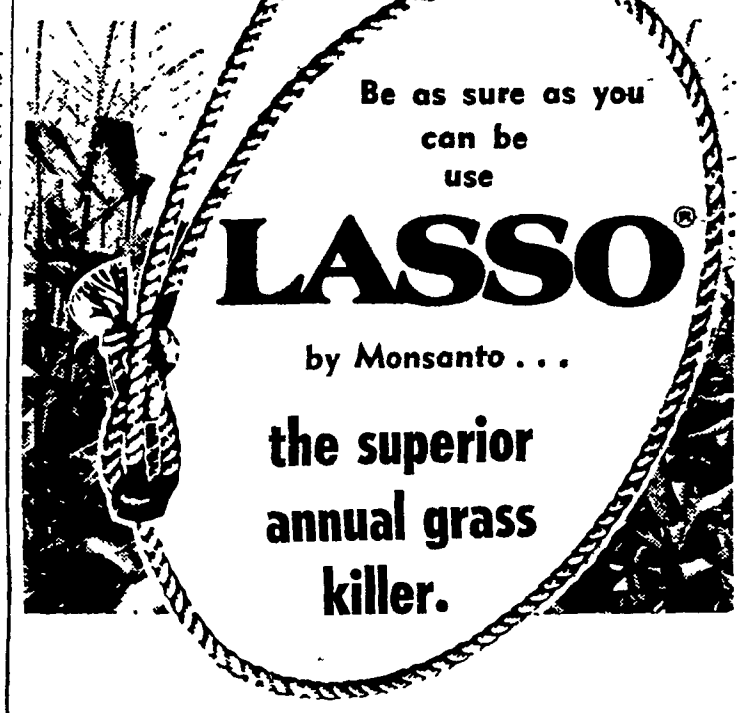
You can't afford to be without control of foxtail, fall panicum, crabgrass and barnyard grass.



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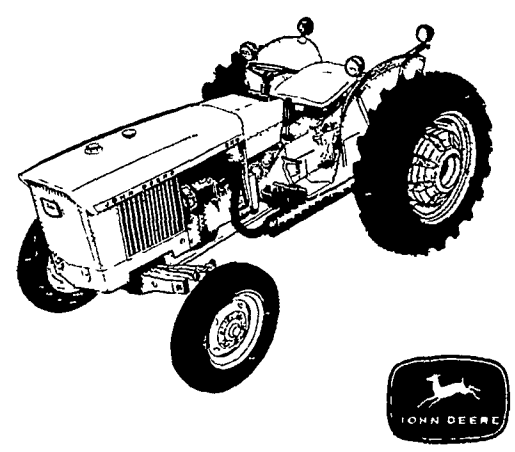

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For Top Yields, Agway Specialist Advises:

Space Corn Seed Properly

Corn planting time is here This advice from Nick Ferrant Jr., crops specialist, in a recent edition of Agway Cooperator, may help local farmers attain better yields this fall.

Mention the figure 18,000 or 20,000 or 22,000 to any corn grower and he will shake his head rather vigorously to indicate he not only knows what you are talking about, but a lot more to boot.

Check into it a little closer, though, and you'll find he will back off a mite as to whether this is seed to plant or plants at harvest, and if the 15 per cent mortality factor has been worked into the final figures or not With a lot of prodding, figuring and thinking, and a couple of weeks notice, most will come up with some sort of decent, correct answer.

And yet, in 75 per cent of the counts I make in corn fields, the intended and thought of final populations are from 10 to 20 per cent in error, running from 1000 to as much as 5000 plants low or high. Practically all will be on the low side.

This loss in potential population can cost you from 7 to 35 bushels of corn. You see that it pays to end up with the population you planned on.

Yet having the correct population is really not the final answer at all; more important is the area of growth you gave each plant and how accurately you planted each kernel. How your individual plant stands stress is the result of many factors, but an important one is the area available for each root system to develop without competition from a neighboring root system

There are many reasons for narrow rows, but an important one is to give each plant more elbow room You see, narrow rows do not have to mean more plants per acre To illustrate, 22,000 plants in 40 inch rows will have 84 plants per 50 feet; in 30 inch rows this will be only 63 plants or almost 25 per cent less. This means that each root system will have almost 25 per cent more soil area down the row in which to develop.

But having 22,000 plants in 30 inch rows will give your root system more growing space, only if we have very accurate planting. This is where most of you fall down badly.

To gain this extra space, each seed must fall rather accurately about 6 to 7 inches apart Except for some of the new specialty type of planters, it's a sheer miracle if anything approaching this accuracy occurs

With the normal planter you may get your 22,000 seed in the ground, but the result often looks like flies on the barn door—sort of bunched

Field checking will show a lot of groups of two, a couple of inches apart, and all too many groups of three If only 15 per cent fall in groups of three, it means over 1000 plants crushed and smashed between two others In normal years these ears will be small or nubbins In stress years they will go blank . and these 1000 blanks mean 7 bushels you'll never get As important, this crowded stalk is usually thin and has a poor root system.

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THIRD SECTION

Warwick FFA Holds Banquet

Hard work the desire to earn a living and determination to work toward a goal are all ingredients needed for success in agriculture today, Timothy Ruth, Pennsylvania FFA president, said Tuesday night

Ruth was speaker at the Warwick FFA Chapter's annual parent and son banquet at Brunnerville Fire Hall About 115 FFA members, parents and guests attended

Awards and certificates were

Dale Martin

presented to outstanding FFA members and friends of the FFA.

Ruth said the "idea of FFA projects is to show a profit" or help FFA members to learn how to "earn a living"

"FFA projects help us decide if this is how we want to make a living"

He continued, "Those who set goals can take advantage of opportunity" He described one FFA member, Oscar Manbeck, who set his goals early and became an American Farmer and then American Star Farmer the highest FFA award at the national level

Manbeck 'told me that if you're not willing to set your goal and work toward it you'll never make a success no matter how much education you have

He also quoted Henry Ford There's only one thing that makes prosperity and that's hard work

But young people need encouragement, he continued urging "Parents, teachers, never fail to encourage that FFA member who's trying to reach his goal" Speaking to parents and teachers at the banquet, he said, it's people like you who are helping close the generation gap"

He concluded with Mark Twain's reminder The world owes you nothing, it was here first

Parents of Seniors honored were Mr and Mrs Norman

Kenneth Grube

Among those attending the Warwick Chapter FFA banquet Tuesday night were, from left: Jim Kerr, chapter advisor, Timothy Ruth, Pennsylvania FFA president; Karen Bomberger, Warwick Chapter Sweetheart, and Kenneth Weaver, chapter president.

Weaver and Mr and Mrs Sanford Boll

Foundation awards for outstanding work in various phases of agriculture went to the following students

Kenneth Grube took three awards, conservation of natural resources, agricultural placement and dairy

Dale Martin, soil and water conservation

Calvin Hartman, home improvement

Allen Kline, crop farming

Gerald Martin, farm safety and public speaking

Kenneth Weaver, production agriculture

Grube also received the Star Red Rose Farmer Degree, the highest degree at the county level

Chapter Farmer Degrees were presented to Robert Styer, Dennis Styer, Allen Kline, Calvin Hartman, Ken Weaver and Dale Martin Martin was also Star Chapter Farmer

Most of the guests at the banquet were school teachers and school officials, including Dr. Curvin Smith, district superintendent, Harold Swisher, Warwick High School principal, and Carl B Kauffman, Junior High principal, four school board members, Robert E Gregory, Kenneth L Weaver, Raymond Groff and Carl Reedy

Among teachers attending and receiving certificates of appreciation were Mrs Martha Herr, Mrs Sally Watkins and Daniel Little

Oklahoma Ups Pork Output

Bread cast upon the economic waters of Oklahoma sometimes has a habit of taking years of returning to shore Take the case of swine production as an example.

When Henry Bellmon was elected governor of Oklahoma he appointed nine Sooners to the Governor's Council on Agriculture Development

A letter from this Council to Bellmon dated May 6, 1965 noted "Oklahoma is a deficit producing state in pork and considering that the states to the south and southeast are even more deficit pork producing areas, it is the Council's feeling there is a definite need for an all out selling job on swine production The Council suggests the Extension Service at Oklahoma State University could be extremely useful"

Dr John Goodwin agricultural economist at OSU prepared figures for the Council explaining the potential for swine production, showing that 58 per cent of the pork consumed in Oklahoma is imported, and that the state could increase production one million head a year just to supply the state's needs

With advent of water transportation on the Arkansas River Waterway, the Tulsa Chamber of Commerce's Agriculture Committee held a swine seminar in 1968, exploring the possibilities of swine production in eastern Oklahoma

The final argument in favor of profitable swine production was contained in a detailed study by Dr Richard Schermerhorn, OSU economist entitled "The Arkansas River in Oklahoma — Its Impact On Agriculture" dated March, 1969 This economic study initiated by the Tulsa Farm Club confirmed earlier Council findings that the hog business in Oklahoma could be profitable

Dr Schermerhorn pointed out that not only did Oklahoma import 167,000 live hogs in 1967, in addition to processed pork, Texas imported 776,000, which is a potential pork, Texas imported 776,000, which is a potential market for Oklahoma produced swine And although Oklahoma marketed 552,000 hogs in 1967, this was less than half the state's needs

Dr Schermerhorn's conclusions are that the waterway navigation offers certain advantages and the potential exists in east ern and central Oklahoma to increase hog production at least 1 million head, which will create the need for three or four modern hog abbattoirs

At first Oklahoma farmer reaction to the "pot of gold at the end of the rainbow" was negative for a couple of reasons Many farmers just didn't like the hog business. Then, according to OSU studies, to make a reasonable return on labor and investment would require cash outlays ranging from $15,000 to $20,000 With the price of pork during the mid-1960s there were few enthusastic about the propects

But then something happened Pork prices began a slow climb Feed grain prices remained low or dropped even lower About a year ago credit became tight interest rates went up

As a result, around the first of the year the corn hog ratio was 23 1, highest in memory of man By all past performance hog producing states such as Iowa, Illinois and Indiana should be gearing for increased swine production

But this failed to happen because hog producers in those states with a comfortable income from adequate sow heards, simply did not want to take the risk of trying to borrow more money for expansion or pay the high interest rates if the money was available.

As a result, the Jan 1 hog count was six per cent below a year earlier, missing predictions by as much as 10 per cent of what the hog count would be

Here's where foresight and advance planning for Oklahomas began paying off Convinced that efficient management is the key to profitable hog production, building contractor Bob Lindsey at Beggs switched from building conventional housing to environmental housing for hogs

When I went into this I had no idea of what I was getting into but it made sense to me," Lindsey said As a result today he has in partnership with sons David 16 a Beggs FFAer, and Dwane, 9. 55 gilts which will soon farrow But more important for Lindsey is the fact that during the last year he has convinced a growing number of Oklahoma hog producers to invest more than $500 000 in modern swine production facilities.

(Continued on Page 32)

This article by Herb Karner in a recent edition of the 'Oklahoma Ranch and Farm World' is reproduced in full to help explain why some local farmers are finding swine production a good business

Like Oklahoma, Pennsylvania is a deficit pork production area, local swine producers report

As in Oklahoma, interest in pork production in the Lancaster County area is on the upswing, it is reported

While Oklahoma pork producers as the article points out, can look to neighboring pork deficit areas as Texas for markets, southeastern Pennsylvania swine growers are close to the metropolitan centers of the East

Corn Up, But Hay Down In 1970 State Forecast

Pennsylvania's 1970 corn acreage is expected to be three per cent greater than in 1969, increasing to 1,288,000 acres planted for all purposes. If these expectations are realized the largest acreage since 1955 will be planted to corn.

Soybean acreage is expected to increase four per cent to 28,000 acres. This continues the upward trend of recent years, and is the largest acreage since 1959 planted to soybeans according to the State Crop Reporting Service.

Plantings of winter wheat in Pennsylvania dropped 14 per cent to a record low 296,000 acres for 1970 harvest.

All other winter grain plantings also decreased from the previous year. Rye acreage seeded last fall dropped 20 per cent to 48,000 acres. The acreage seeded to barley is 194,000 acres, down three per cent from the year earlier.

Farmers are currently expecting to plant only 464,000 acres to oats this spring in Pennsylvania, five per cent less than last year and the lowest acreage of record. A decline in oat acreage has been recorded every year since 1954.

The 1970 acreage of all hay harvested in Pennsylvania is expected to be 1,969,000 acres, unchanged from the 1969 acreage. This acreage will equal the record set last year for the smallest hay acreage harvested since records began in 1866. Increasing yields in the past few years have enabled farmers to store record high quantities of hay from declining acreages.

National planting intentions for 17 crops in the March 1 survey are for a total of 258 million acres — three per cent or 6.4 million acres more than planted last year.

Major increases in acreage are corn, 2.4 million, sorghums, 1.1 million, oats and soybeans, nearly a million each, and other spring wheat, 754,000 acres. Other spring-planted crops showing increases are barley, cotton, all hay, flaxseed, potatoes, dry peas and peanuts.

Sharpest declines in acreage are expected in durum wheat, a million acres, rice 321,000, and sugarbeets, 155,000 acres. Smaller acreages also are expected for sweetpotatoes, tobacco and dry beans.

Growers' intentions for 1970 acreages were reported during the sign-up period for the 1970 Feed Grain, Wheat, and Cotton Programs. Actual plantings may be altered by later decisions.

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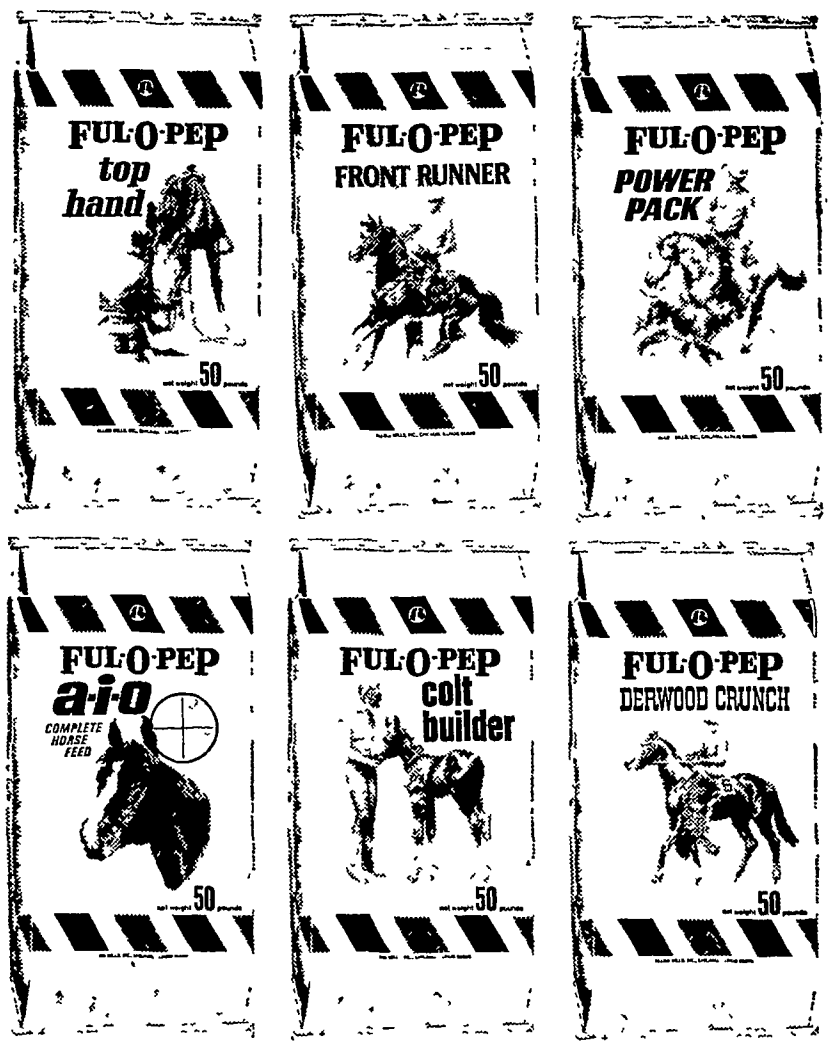
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Economist Says Farmers Must Manage Money

Debt is no longer the stigma it once was to farmers, according to Harold Walker, agricultural economist at Virginia Polytechnic Institute Used wisely, debt can be a major factor in the growth of a farm enterprise and increased profits, Mis-used, debt can become a deadly burden

Walker told those attending the fourth annual Delmarva Soybean Meeting in Salisbury that farmers can improve their financial management by (1) Investing available capital and credit where it will produce the highest return (2) Using realistic time schedules for repaying loans (3) Leasing or hiring land or equipment when it is more profitable than buying (4) And staying within their managerial capabilities

Improved mechanization has been a life saver to American farming but a downfall to many farmers, pointed out Wilson Overmechanization is one of the most serious problems in farming today

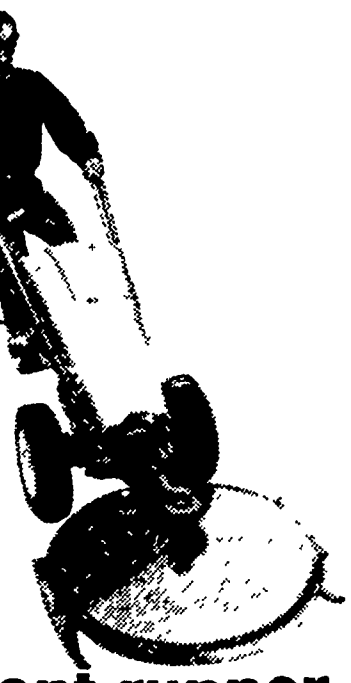
"The excuses range from being forced to buy large units because of high priced, scarce labor to speeding up the work due to weather risks," he said "Both reasons are valid for mechanizing but not for overmechanizing!"

A farmer should use equipment that is designed for the job Machinery that is too small will not get the job done on time or handle the workload required On the other hand, when a farmer uses equipment that is larger than necessary, the time saved may not be worth the higher cost

Ownership is not the only way to gain the use of equipment, said Wilson "When capital is short, leasing or hiring custom work may offer solutions to the investment problem as well as providing a tax advantage"

When purchasing equipment or borrowing for other capital expenditures, Wilson stressed that farmers should set up a realistic repayment schedule Many farmers attempt to finance purchases over too short a period and find out too late that they are overextended financially

Along this same line, know the total interest cost of your investments, cautioned Wilson Don't be mislead by high pressure salesmen or unusual terminology — interest is the amount you have to pay back minus the amount you had use of.



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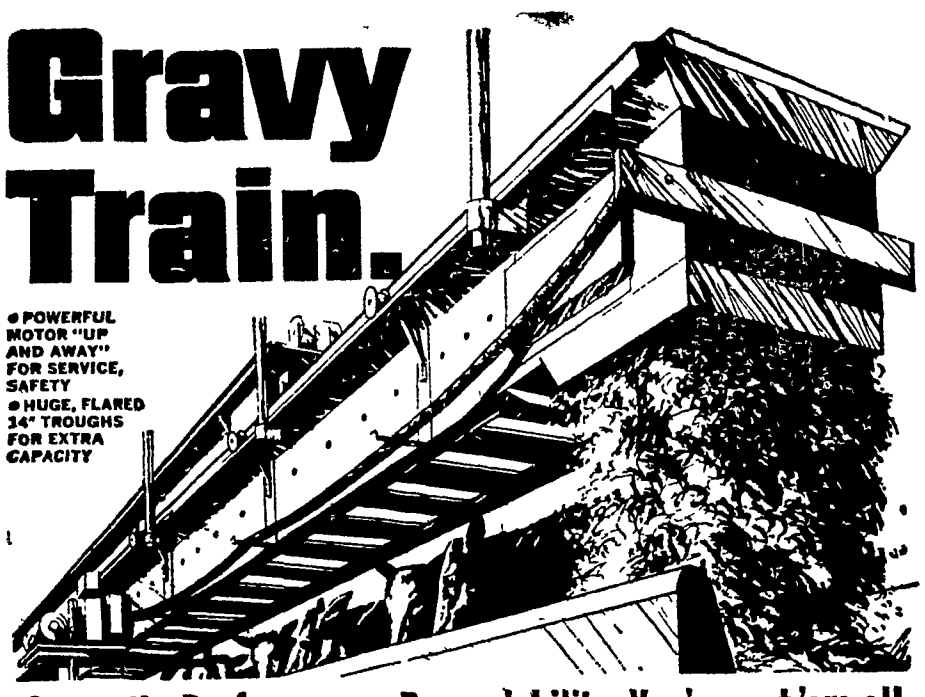

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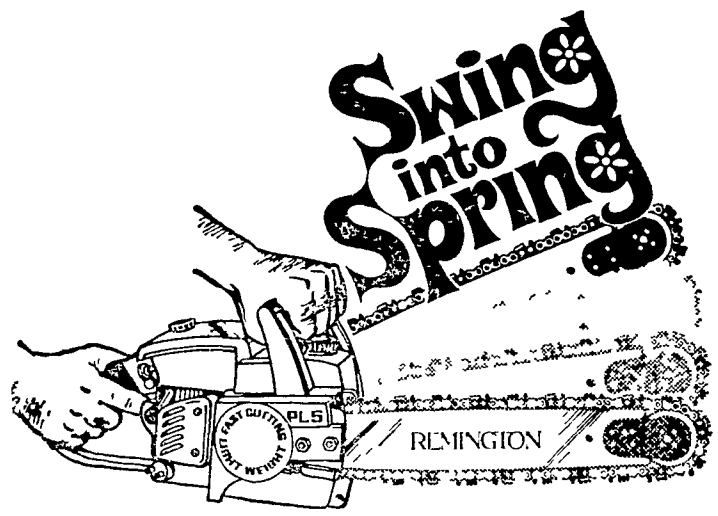

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Oklahoma Ups Pork Output

(Continued from Page 29)

"We've sold and erected 13 complete environmental units, and are getting repeat business, which convinces me and those who are using confinement hogs facilities that there is money to be made in the hog business," Lindsey said

Environmental facilities are not cheap and when the price of say, $32,000 is quoted for a 24-head sow capacity farrowing and nursing house, farmers tend to flinch That is until they understand what they can do with the equipment.

"It's possible by using this facility 10 months of the year to farrow and wean 2,400 pigs but with a more realistic figure of say, 2,000 over a 10 year period this would amount to about 16 cents building charge against each pig," Lindsey said

Environmental buildings are not new, Lindsey said, but use of them in Oklahoma for swine is a recent innovation and those who are using them find such buildings are a great aid in management

"For one thing litter sizes are increased because it is easier to save pigs Another is that sow upkeep is cheaper But increased feed efficiency on feeding floors is where hog producers really cash in" Lindsey said

By controlling temperature hogs can convert to meat energy many times needed to keep warm or cool as the case may be "We recently figured a swine setup for one producer, using OSU figures, for a 300-sow complete environmental facility — farrowing, nursing and feeding — costing in the neighborhood of $255,000 But the farmer figured over a 10 year period he'd save in feed costs alone $1,180,000" Lindsey said

So far hog producer and building contractor Lindsey has been able to offer a complete package including financing "However, it's significant that the Farmers Home Administration has money available for such facilities for a 40-year loan period at 6 per cent interest," Lindsey said

Just how far the swine business in Oklahoma will go via the environmental facility route depends upon several factors, one being favorable price Those who are in the hog business are convinced that if prices decline, it will be the efficient manager who will weather the storm, and they believe efficient managers are those who use the latest techniques and environmental facilities

With such facilities and prospects of advantages because of waterway transportation, a growing number of Oklahomans are ready to challenge Iowa hog producers for a growing share of the nation's pork production

Lindsey explained, "Well, look at it this way, It's not unrealistic today to expect a good sow to farrow and wean 20 pigs a year. Many growers are weaning 40 to 50 pound pigs in 8 weeks and selling them to finishers for $25 each That's a gross income of $500 per sow per year OK, so maybe that's too high Reduce it to $400 Today 400 to 600 pound sows are selling for as high as $25 a hundred which means she's worth from $100 to $150.

"Where are you going to buy a beef cow for $150 that'll wean off a $400 calf? Today ranchers have from $1,200 to $1,500 invested per beef cow unit; and they're not too unhappy with prices and prospects. when you look at the future from this angle, hogs begin to look better all the time," Lindsey said.

This makes investment in environmental housing all the more attractive. "This equipment's really big redeeming feature is labor-saving One farmer can handle several times the number of hogs he could previously — and in many cases, with less time," Lindsey said.

Gov. Shafer Joins Mid-Atlantic Group

The Governors of five Mid Atlantic states have agreed to collaborate in a regional attack on problems of pollution, crime and transportation

Governor Nelson A Rockefeller of New York was named chairman of the new unit, to be known as the Mid-Atlantic Governors Conference Other members are Governors William T Cahill of New Jersey, Raymond P Shafer of Pennsylvania, Russell W Peterson of Delaware and Marvin Mandel of Maryland

A sixth governor, Arch A Moore Jr, of West Virginia may also join the group, a spokesman said

The group was formed at the winter meeting of the National Governors Conference

Similar regional governors groups set up in the past in other parts of the country have been largely social, but the Rockefeller aid said the new Mid Atlantic unit would not follow that pattern

"We are going to be sharing data and exchange staff and really working on these problems," the spokesman said

Tentative plans call for two staff members and two governors meetings each year, with the first meeting of governors to take place this spring

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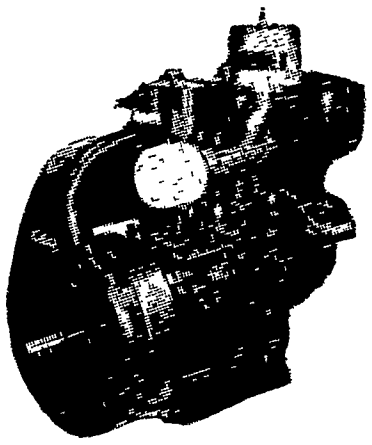

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Poultrymen Get Fowl Cholera Warning

Poultrymen along the Atlantic Flyway are alerted to the possibility of fowl cholera in their flocks of chickens, turkeys, or ducks The disease has reached epidemic proportions among wild waterfowl in the Chesapeake Bay area in recent weeks, the U S Department of Agriculture announced.

Dr E E Saulmon, Director, Animal Health Division, of USDA's Agricultural Research Service says that the disease is highly contagious It can spread to commercial duck flocks for example, when wild waterfowl land in duck yards

He emphasizes that it can be spread also by pets, livestock, rodents, or other animals or birds that come in contact with dead or diseased poultry

Unlike hog cholera, which is a virus disease, fowl cholera is caused by a bacterium, Pasteurella multocida. A vaccine currently being marketed will give birds some degree of protection from the disease if properly administered.

Local practicing veterinarians, state disease diagnostic laboratories, or animal disease control officials should be consulted concerning the use of vaccine.

On the farm sanitation is needed also for control of fowl cholera The highly virulent strain of the disease organism that has been killing record numbers of wild waterfowl could infect or be carried by almost any animal This disease is usually harmless to man Affected birds, treated with sulfa or antibiotics in time, are usually cured

Every effort should be made to keep all animals away from commerical poultry flocks All dead birds should be burned or buried

If the disease is suspected, affected birds should be brought to a diagnostic laboratory, the only place the disease can be positively identified

Gavin Assigned PP&L's Environment Programs

Programs for environmental quality at Pennsylvania Power & Light Company recently received a new central focus by the appointment of Austin Gavin, executive vice president, as their overall coordinator

This new top-level direction comes as a result of intensifying efforts on the many environmental fronts in which PP&L has been active for several decades, according to PP&L President Jack K Busby

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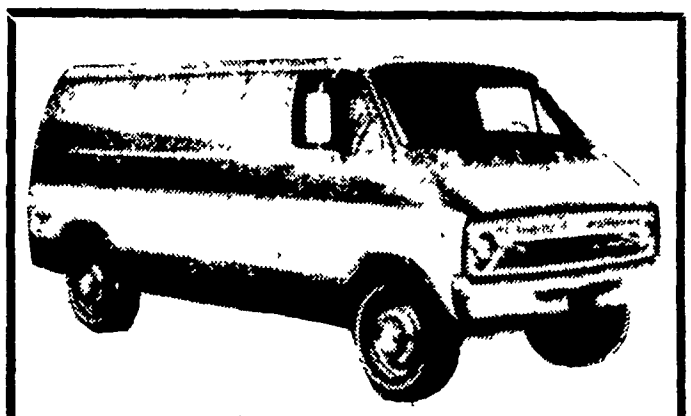

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LOOK TWICE

The All-New 1971 Dodge Tradesman Van

Goes The Better Idea People 31 Ways Better.

Before You Buy Compare At

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501 E. Main Street, New Holland, Pa. 17557
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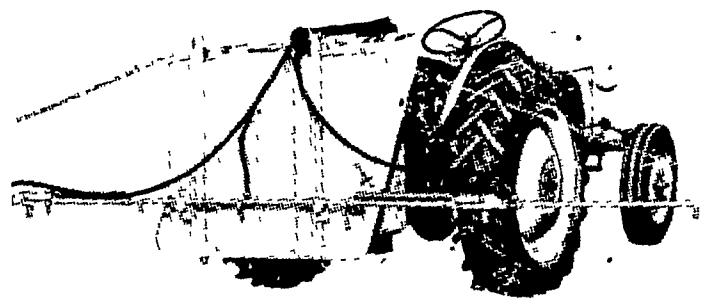
MYERS GlasStran
Tractor-Mounted P. T. O.
SPRAYER



- Myers GlasStran P.T.O. sprayers are designed to handle a great many different spraying jobs.
- Available in 3, 6 and 12 gpm sizes, pressures to 500 lbs.
- Has 21 ft. boom complete with handy 7 position Selector Valve. Selector Valve handle dials desired boom sections.

Also selection of trailer type sprayers available with nylon roller and/or Piston Pumps.

See us for complete details

LESTER A. SINGER

"Lancaster County's Only Dealer Specializing In Sprayer Sales and Service"

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FOR UNEXCELLED QUALITY AND SERVICE

Royster BONANZA

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Income Tax Return

(This is the sixth and last of a series of articles prepared by the Pennsylvania Institute of Certified Public Accountants on money-saving tax hints in preparing your Federal income tax return.)

Use Home for Business? — Then Claim Deduction!

In making out their Federal income tax returns, taxpayers often overlook expenses which may be tax deductible because they use their home for business purposes Such deductions may be available whether the taxpayer owns his house, rents an apartment or owns a co op.

Deductible items fall into two general categories incidental and regular The first would include, for example expenses incurred for home entertainment of customers — of food, liquor, catering service The taxpayer should be able to establish the bonafide business element in such entertainment

The second category of expenses pertains to use of the home on a regular basis for business purposes, generally as an office This may be either by an employee or a self-employed taxpayer.

Deductions under this category include not only direct expenses, such as telephone, stationery and office supplies, but also part of the cost of maintaining the residence

The Internal Revenue Service takes the position that **incidental** use of the home, either to do work taken from the office or for entertainment, does not permit deduction of any part of the expenses of maintenance But **regular** use of the home for business is recognized for deductions by a large variety of taxpayers including architects, lawyers, doctors, accountants, artists, inventors, consultants, authors, real estate agents, and others

For employees, as distinct from self-employed persons, the Internal Revenue Service requires that, in order to have any part of home maintenance deductible, use of the home for business purposes must be a condition of their employment

The courts, however, have frequently taken a more lenient view, requiring only that use of the home be helpful to the conduct of the employer's business An employee may be able to assure himself of additional deductions by making proper arrangements with his employer as to where he will be required to carry out his work assignments, particularly work done outside of usual business hours

For self employed persons other factors determining the deductibility of costs for business use of a home include whether or not there is reasonable expectation of profit from the activity whether books of account are kept, and whether attempts are made to make the business profitable if it is not so already

Once a taxpayer shows he is entitled to some deduction, he faces the problem of what items are deductible and in what amount

For example, if one room in a six-room house is used for business, it might be reasonable to deduct one sixth the expenses of the house But the number of rooms is not the only criterion— an allocation may be based on the total square feet of the house compared with the number of square feet used for business Expenses to be apportioned can include light, heat, cleaning, insurance, and other costs applicable to the premises

The amount of business cost assignable is affected if an area of a home is used for business only part of the time Thus, if a study were used for business three hours out of 24 daily, the Internal Revenue Service would limit the deductible amount to 3/24ths of the total expenses applicable to that area

The lesson to be learned here is that when a room has substantial business use, it should not be put to other use. In that way, even though the room is used only three hours a day, all the cost applicable to that room can be deducted

It should be emphasized that the taxpayer should keep in mind that it is up to him to prove (1) he uses his home for business, (2) the extent of the use, and (3) the expenses incurred To support his tax return he should retain invoices, cancelled checks, receipts, and all other records.

FARM EQUIPMENT SALE

WEDNESDAY, APRIL 15, 1970, 9:00 A.M.

MARTIN'S SALE BARN

Blue Ball, Pa., Lancaster County

Tractor - Machinery - Implements - Supplies - Equipment - Posts - Hay and Straw.

We sell on commission.

PAUL Z. MARTIN

Ph. (717) 354-6671

Next sale May 13, 1970.

VIRGINIA FEEDER

Calf - Yearling Sale

400 TO 1000 LBS.

(State Graded)

THURSDAY, APRIL 16

7:30 P. M.

Sponsored by:

Marshall Feeder Cattle Assn.

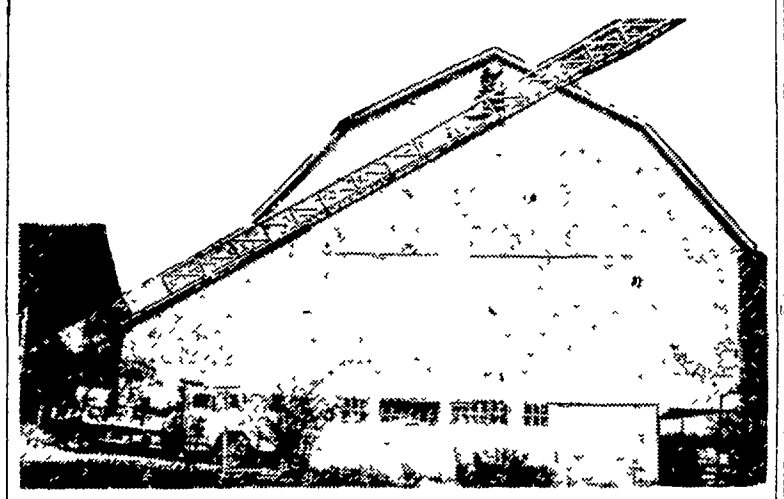
FAUQUIER LIVESTOCK EXCHANGE

INCORPORATED

MARSHALL, VIRGINIA

FOR FURTHER INFORMATION CALL 1-703-364-4861

WE USE QUALITY PAINT AND IT DOES STAY ON!!!



Aerial Ladder Equipment Used To Paint Your Farm Buildings

- Modern and Efficient Method
- Reasonable Prices
- Over 14 Years Experience
- Spray-on and Brush-in Method Has Proven Satisfactory On Over 1110 Barns Of Our Well Pleased Customers.

C. RALPH MILLER

Spray-On and Brush-In Painter

R. D. 4, Manheim, Pa. 17545 Ph. 665-3388

ANNOUNCING

1st Spring Stocker & Feeder Sale

Friday, April 17, at 7:00 P.M.

Annual Show & Sale, May 15, 1970

Final Sale — June 5, 1970

To consign cattle call (717) 768-8204

Vintage Sales Stables, Inc.

— 10 miles east of Lancaster on Route 30 —

P.O. Box 100, Paradise, Pa. — Kenneth Hershey, Mgr.

2000 HEAD

THURSDAY, APRIL 16

2 FEEDER CATTLE SALES

(State Graded)

1 P.M. — Culpeper Feeder Calf Assoc. — 1000 head at Culpeper Enterprise, 3 miles south of Culpeper on Rt. 29

Phone 703-825-9188

7 P.M. — Marshall Feeder Cattle Assoc. — 1000 head at Fauquier Livestock Exchange 1 mile East of Marshall on Rt. 55

Phone 703-364-4861

FREY FREE STALL

Lifetime Free Stall Housing

Cut bedding costs 75%, reduce labor for barn cleaning and cow washing; reduce teat and udder injury to the minimum — house your milking herd in free stall housing. Each cow provided a stall for loafing. She won't be stepped on, the rear curb forces manure out into alley for mechanical cleaning or washing. A few minutes twice a day cleans the stalls and curbs, bedding lasts almost forever if your stalls fit the cows. Popular sizes are 6'6", 7' and 7'6". Size 'em by breed.

Our free stall partition may be mounted on wooden head boards or we make a steel divider Set the legs in 8 to 10" concrete curbs to hold and retain bedding Stall floor can be soil, sand or gravel. Bedding — straw, sawdust, peanut hulls, ground corn cobs, etc Should be installed with paved alley surface 8 feet wide for mechanical cleaning or washing.

- 8 Models all steel welded farm and feedlot gates
- 2 Models all steel welded head catch gate

For prices, contact: Fred Frey, Mgr.

786-2235 (717)

FREY BROS.

R. D. #2

Quarryville, Penna. 17566

TRY A CLASSIFIED AD!

AYRSHIRE AUCTION

GRAND NATIONAL SALE

Thurs. Evening, April 16th at 7:30 P.M.

Guernsey Sale Barn, Lancaster, Pa.
Located 6 Mi. East of city along Rt. 30.

46 REG. AYRSHIRES

10 COWS — 31 BRED HEIFERS
4 HEIFER CALVES — 3 Mo.-Old BULL

Bull Calf's Full Sister made 32,251# M
Dam of one calf made 20,436 M, 4.2%, 856 F at 2 y
Dam of Bred Heifers avg 15,373 M, 4.1%, 623 F Act

Sale includes 13 daughters of 'Betty' — "The Milkiest Bull in the World" Many by other Top Sires
The Quality Is High
Come See What a Lot You Can Get For Your Money

Catalogs at the Sale

TOM WHITTAKER, Sale Mgr., BRANDON, VT.

1970 Feeder Cattle and Calf SALE

South Branch Stockyards, Inc.
Moorefield, West Virginia

FRIDAY, APRIL 17 —

7:30 P. M.

Estimated 1500 to 1800 head

Always more than estimated 2-year-old yearlings and calves. All Longhaired West Virginia Cattle. Cattle weighing from 350 to 1000 lbs. All heifers and bulls over 500 lbs. tested. These cattle are all direct from farm.

Sale sponsored by

West Virginia Department of Agriculture and South Branch Stockyards, Inc.

South Branch Stockyards, Inc.
Come See Us!

ELLJAN'S COMPLETE DISPERSAL

LOCATION: 2 miles southeast of Mainesburg, Pa., Tioga Co. on the Old State Road.

FRIDAY, APRIL 17, 1970

STARTING PROMPTLY 10:30 A.M.

65 HEAD CHOICE REGISTERED AND HI-GRADE HOLSTEINS 65

33 YOUNG milking age animals. Fresh cows, close springers summer and fall freshening. 12 Bred Heifers, due for fall freshening; 11 Open Heifers; 9 Started Calves. 2 VG cows sell: 1 by Dwinmeade L. Fobes from an Inspiration dam — Record as 4 yr 8 mo. 289 das. 15,037 M 4.2 T 636 F. 1 by Romandale Highcroft Cavalier from Inka dam — Record as 4 yr. 6 mo. 308 das. 15,213 M 3.8 T 571 F. GP Grayview Skycross dau. 3 yr. 2 mo. 88 das. 6,325 M 242 F. GP Skokie Glamour Boy dau. 4 yr. 4 mo. 283 das. 15,421 M 4.5 T 697 F. Whirlhill Kingpin, Simpson Farm Tidy Gent and other choice NEBA sires represented in this dairy.

DHIA	1968	14,352M	3.7T	527F
	1969	14,648M	3.8T	551F

1970 Rolling herd average 14,695M 554F

INTERSTATE TESTED CHARTS SALE DAY CATALOGUES

MACHINERY — Two tractors — JD 60, MF 35, NH 65 PTO baler with PTO thrower, 30-ft elevator, 2 good wagons with new bale racks, 2 bottom plows Ford 3 pt scraper, side rake, harrow JD 16 hoe drill, Ezee lime spreader NH 33 field chopper, 2 flat bed wagons, NH blower, NH 69 PTO baler, harrow, cultipacker NH 7-ft trailer mower NI 95 bu spreader, Int plows, feed cart New Dairy Vac

SHOP EQUIPMENT — Large quantity of tools Numerous bolts Several other items

MILK EQUIPMENT — Two DeLaval milker units, one 50 lb pail, one 40 lb pail

TERMS: CASH OR GOOD CHECK SALE DAY

ELLSWORTH & JANET SMITH, Owners

Carl Diller & Everett Kreider, Auctioneers
Richmond Sweet, Clerk

D. O. Rockwell, Sale Manager
Troy, Pa. 16947. Phone 1-717-297-3460

LUNCH AVAILABLE

PUBLIC SALE REGISTER

SAT APRIL 11—11 A M Public Sale of Farm Equipment located three miles east of White Horse, seven miles South of Honey Brook, and 1 mile South of the Compass, next to Compass Quarries. Terms by Jonas H Martin, Owner

SAT. APRIL 11—11 30 A M Public Sale of Livestock, Farm Implements and Household Goods on the premises along Camp Rodgers Road leading from Indiantown to Camp Rodgers (formerly Stobers Dam) about 2 miles S W. of Schoeneck, Lancaster Co, Pa Sale by Eva B Snader

WED. APRIL 15—9 A M Public Sale of Farm Equipment and Implements, Martin's Sale Barn Blue Ball, Pa We sell on commission Paul Z Martin.

WED APRIL 15—11 A M Public Sale of Used Farm Machinery located along Rt 272 at The Buck, 12 miles South of Lancaster, Pa Terms by Wenger Implement, Inc

APRIL 16—Eugene Boll, near Erisman's Church, east of Mount Joy, Pa Registered Holstein Dispersal.

THURS APRIL 16 — 1 and 7 P M Two Feeder Cattle Sales one at Culpeper Enterprise, 3 miles S of Culpeper on Rt 29 and one at Fauquier Livestock Exchange, 1 mile East of Marshall on Rt 55

THURS APRIL 16—7 30 P M Virginia Feeder Calf Yearling Sale sponsored by Marshall Feeder Cattle Assn Fauquier Livestock Exchange, Inc, Marshall, Virginia

FRI APRIL 17—10 30 A M Elljan's Complete Dispersal located 2 miles Southeast of Mainesburg, Pa, Tioga Co, on the Old State Rd 65 Head Choice Reg and Hi-Grade Holsteins Sale by Ellsworth and Janet Smith, Owners

FRI APRIL 17—7 00 P M 1st Spring Stocker and Feeder Sale by Vintage Sales Stables, Inc, 10 miles East of Lancaster on Rt 30.

FRI NIGHT APRIL 17—7 30 P M Sale of 50 Quality Dairy Cows at Black and White Holstein Farm, located ¼ mile West of Atlantic Breeding Unit on U S Rt 230, Lancaster, Pa Sale by Chas C Myers Owner

MON EVE APRIL 20—Martin's Sale Stables, Blue Ball, Pa Horse, pony and tack sale Gene Shirk and Larry Martin

SAT APRIL 25—1 P M 10th Annual Spring Feeder Calf and Yearling Sale at the Aberdeen Sales Company, Livestock Auction Market located in Churchville, Md, on U S Rt #22, 6 mi East of Bel Air, Md, 6 mi West of Aberdeen, Md Harford Co

MAY 2—Benefit Sale to be held at Retton Fire Hall by New Providence Church of God

WED MAY 13—9 A.M Public Sale of Farm Equipment and Implements Martin's Sale Barn, Blue Ball, Pa We sell on Commission Paul Z Martin

WED JUNE 10—9 A M Public Sale of Farm Equipment and Implements Martin's Sale Barn, Blue Ball, Pa We sell on Commission, Paul Z Martin

JUNE 30—Levi W Mast, Clay, Pa, Berks Co Registered Holstein Disp See later ad.

MON AUG 24—Shalco Collpssal Vacation Sale, Minatare, Nebraska

FRI. NOV. 6—Colossal Bull Event, Sugar Loaf Farms, Staunton, Virginia

WINCHESTER — SPRING FEEDER CALF AND YEARLING SALE

FRIDAY, APRIL 17, 1970 AT 1 P.M.
Farmers Livestock Exchange, Inc, Winchester, Virginia

STEERS — 2500 — HEIFERS
STATE SPONSORED — GRADED —
UNIFORM LOTS — ALL BREEDS

Virginia State approved for Bangs and T B — eligible for interstate shipment Dehorned and feeder calves vaccinated for Blackleg — Malignant Edema — Hemorrhagic Septicemia

Guarantee "No Bred Heifers or Stags" **in feeder calves only.**

P. T. McINTIRE, Sale Manager
For Information, write or call 703/662-2946 (office)
703/837-1254 (home)

NORTHERN VIRGINIA LIVESTOCK INC.
Box 440 — Winchester, Va. 22601

50 ANOTHER QUALITY 50 DAIRY COW SALE

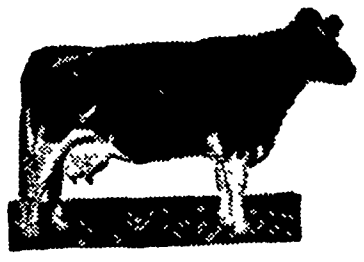
at Black & White Holstein Farm

¼ mile West of Atlantic Breeding Unit on U.S. 230, Lancaster, Penna.

on

FRIDAY NIGHT, APRIL 17th

at 7:30 P. M. Sharp



30 choice quality Minnesota Holstein Grade Cows

Large size, good type and lots of milking quality 20 Outstanding Registered Canadian Holsteins, most of them classified with good production and B F records All cows just fresh or close up springers with production to 85 lbs daily If in the market be sure and see this fine lot of Dairy Cows before you buy

CHAS. C. MYERS, Owner

Abe Diffenbach, Auct.
H. Kettering, Pedigrees

Finance Terms can be arranged prior to sale

Correspondence Courses

Garden Course

Do you need a practical guide for growing vegetables in your garden? Something with planting dates, space between rows, seed quantity needed for so many feet or row, kinds of fertilizer and rates to use?

Walter Haldeman of the Correspondence Course office at Penn State says you'll find the Penn State correspondence course, Home Vegetable Gardening, a good manual of information The cultural needs of 35 kinds of vegetables are presented in detail

Included with the course to supplement the lessons are the printed circulars Garden Soil Management, Vegetable Varieties for Pennsylvania, Growing Garden Tomatoes and Progress Reports on Pennbell Pepper and Penn Beauty Eggplant

Anyone can enroll The complete course comes in a single mailing You may take the exams or not, whichever you like After you get the course it's yours to do with as you wish.

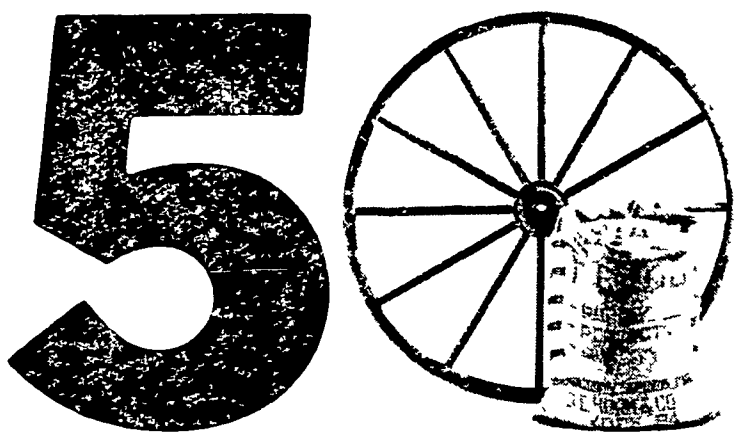
To enroll, send your name and address with $3 to Home Vegetable Gardening, Box 5000, University Park, Pennsylvania 16802 Make checks payable to Penn State

Enjoy your garden more this year with a garden guide

POSEY'S Garden Center

Rear 49 N Broad St, Lititz
626-2343

Since 1919, the only thing that hasn't changed is our original idea.



When we started out, we were chicken feed.

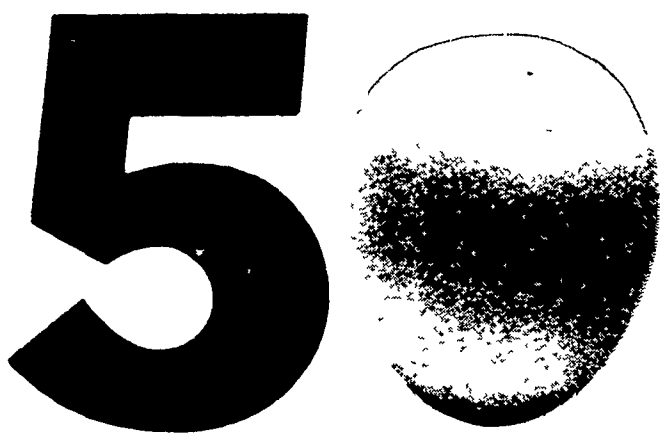
Also dairy and livestock feed $500 and a wagon. Hard work, quality feed at fair prices and an old fashioned belief in helping others built us York's most modern feed mill, 30 tons an hour, electronically automated. So 50 years of helping others helped us grow.

From feeds to farm supplies is only a step.

When you're selling feeds to neighboring farmers, you don't have to look far for other ways to be helpful. Seed, Fertilizer & Garden supplies. A modern research farm to test each new product thoroughly. Customers have counted on this kind of help for 50 years.

Now we've grown from chicken feed to chicken dinners.

As part owners of the Grimes Poultry Processing Corporation in Fredericksburg, we process 13,000,000 broilers a year. Ice packed and frozen. Cut up packs. And under the 'Dutch Treat' label, a frozen, ready to serve line to help housewives get dinner faster. Again, helping others brought growth.



With us, the egg came <u>after</u> the chicken.

Only last year, we became joint owners of the Cloisterdale Farms operation in Ephrata. 360,000 caged layers handled entirely by automation! The know how we gain we pass on to our feed customers. Helping them helped us reach 50. In style!

Our idea of quality products and helping others helped us through our first 50 years!

You just have to look back a little when you reach 50. For one thing, with deep gratitude to everybody who made this birthday possible. Customers. Employees. Friends. All along the way.

But we're looking ahead, too.

If we work hard

keep on bringing you quality products at fair prices

and hold fast to our original idea of helping others . . .

why our next 50 just might be even more rewarding! So keep an eye on this neighbor of yours. Pennsylvania-owned, Pennsylvania managed, employing Pennsylvania people, helping to produce Pennsylvania food products.

We're just starting to grow!

50 YEARS HELPING PRODUCE BETTER FOOD PRODUCTS

D. E. HORN & CO., INC.

YORK, PENNSYLVANIA